

**Agenda**  
**2014 ETAP Nuclear Utility User Group (NUUG)**  
**Conference and Symposium**  
 ETAP Learning Center – Irvine, CA  
 June 17 – 20, 2014

**ETAP NUUG Executive Committee:**

Neal Simmons  
 Executive Chairman  
 Duke Energy  
 980-373-3862  
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Mark Bowman  
 Technical Chairman  
 TVA Nuclear  
 423-751-8239  
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Paul Colaianni  
 Associate Chair/Secretary  
 Duke Energy  
 980-373-3868  
[paul.colaianni@duke-energy.com](mailto:paul.colaianni@duke-energy.com)

**Tuesday, June 17**

8:00 – 9:30	<p><b>Welcome and Introductions</b></p> <p>Opening, Officer and Attendees Introduction</p> <p>Discussion of Agenda and NUUG Purpose</p> <p>ETAP Support Group, Dept Managers, Master Developers &amp; Designers</p>	<p>Neal Simmons      NUUG Chair</p> <p>Mark Bowman      NUUG Technical Chair</p> <p>Farrokh Shokooh    ETAP</p>
9:30 – 10:00	<p><b>Key Note Address</b></p> <p>Crucial Role of Power System Analysis</p>	<p>Kenn Miller      NRC</p>
Break		
10:30 – 12:00	<p><b>Future ETAP Software Upgrades</b></p> <p>ETAP 14.0 Overview</p>	<p>Tanuj Khandelwal    ETAP</p>
Lunch		
1:00 – 2:00	<p><b>Interactive Session</b></p> <p>Degraded Voltage Design Concepts</p>	<p>Kenn Miller      NRC</p>
Break / Group Photo / ETAP Tour		
3:00 – 5:00	<p><b>Open-Phase Fault Analysis</b></p> <p>NUUG Double Open-Phase Fault (DOPF) Task Force</p> <p>ETAP OPFA Using Unbalanced Load Flow</p> <p>OPFA Simulations Using ETAP 12.6</p> <p>Conclusion and Results of the NUUG OPFA Task Force</p>	<p>Mark Bowman      NUUG Technical Chair</p> <p>Jun Qiu            ETAP</p> <p>Jianjun Guo        ETAP</p> <p>Peer Team          NUUG OPFA Task Force</p> <p>Paul Colaianni      NUUG Secretary</p>
Social & Dinner		

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**Wednesday, June 18**

8:00 – 10:00	<b>Nuclear Station Voltage Analysis</b> Degraded Voltage Group Discussion  Open-Phase Fault Analysis at Sequoyah / Watts Bar	Paul Colaianni    NUUG Mark Bowman  Preston Cooper    TVA
10:00 - 10:15	<b>Nomination of New Officer(s)</b>	Neal Simmons    NUUG Chair
Break		
10:30 – 12:00	<b>ETAP System Modeling</b> AC Plant Model Review - Wolf Creek  Feasibility Study for Inverter Replacement with ETAP	Ron Cole            Zachry Nuclear Engineering Raj Patel            Dominion – Millstone
Lunch		
1:00 – 2:30	<b>Breakout Sessions (choose one)</b> A – Recent PSA Issues from NRC CDBIs <a href="#">Learning Center</a> B – ETAP Auto-Star & PD / Lib Enhancements <a href="#">Conference Room</a>	<b>Moderators</b> Paul Colaianni    NUUG Pirooz Barkhordar    ETAP
Break		
3:00 – 5:00	<b>ETAP System Modeling</b> DC Plant Model and Analysis at Point Beach - Part II  Exciter Load Current Compensation Modeling	Tim Lensmire      NextEra Energy Albert Marroquin    ETAP
Social & Dinner		

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**Thursday, June 19**

8:00 – 9:30	<b>Transient Stability Analysis</b> Fast Bus Transfer Analysis AC Plant Model Review – Peach Bottom	Kevin Littrell Myat San	ENERCON Exelon
9:30 - 10:00	<b>Election of New Officer(s)</b>	Neal Simmons	NUUG Chair
Break			
10:30 – 12:00	<b>Power System Elements</b> Transformer Impedance Evaluation Harmonic Analysis with ETAP for the mPower Plant	Mohit Malik Yoonhyun Kim	MPR Bechtel Power Corp.
Lunch			
1:00 – 2:30	<b>Dynamic Modeling Symposium</b> Motor Parameter Estimation & Tuning, M-PET Predictive Analysis using Real-Time Data	Jun Qiu, A. Saber Tanuj Khandelwal	ETAP ETAP
Break			
3:00 – 4:00	<b>ETAP Modeling</b> New ETAP Report for Motor Operated Valves Open-Phase Validation Test	Preston Cooper Neal Simmons Mark Bowman	SEA SEA TVA
4:00 - 5:00	<b>Awards</b>	Officers	NUUG
Social & Dinner			

**Friday, June 20**

8:00 – 9:30	<b>Breakout Sessions (choose one)</b> A – ETAP 14.0 Symposium B – NUUG Requirements Symposium	Learning Center Conference Room	Group Jun Qiu	ETAP ETAP
Break				
10:00 – 12:00	<b>Interactive Session</b> Round Table for Future ETAP Enhancements		Group	ETAP
Lunch				
1:00 – 2:00	<b>Closing</b> Actions and Closing Comments		Neal Simmons	NUUG Chair