



AGENDA

**2019 ETAP Nuclear Utility Users Group (NUUG)
Conference & Symposium**

ETAP Learning Center – Irvine, CA
June 18 – 20, 2019


ETAP NUUG Executive Committee:

Timothy Lensmire
Executive Chairman
NextEra Energy
920-755-7685
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Jeff Weibelt
Technical Chairman
Southern Nuclear
205-992-7649
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Preston Cooper
Associate Chairman / Secretary
TVA Nuclear
(423) 751-7697
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Tuesday, June 18

8:00 – 9:00	<ul style="list-style-type: none"> • Registration • Continental Breakfast / Networking 		
9:00 – 10:00	<p>Welcome and Introductions</p> <ul style="list-style-type: none"> • Opening, Officer and Attendee Introductions • Review Agenda and NUUG Purpose 	Tim Lensmire	NUUG Chair
		Jeff Weibelt	NUUG Technical Chair
10:00 – 10:30	<p>Keynote Address</p>		F. King Alexander LSU President
BREAK			
11:00 – 11:30	Fleet-Wide Process Automation of Engineering Calculations – The Endgame	Mark Bowman	TVA
11:30 – 12:00	INPO Strength in Power System Analysis	Jeff Weibelt	SNC
LUNCH			
1:00 – 2:30	<p>Group Discussion</p> <p>NRC DBAI Electrical Issues & Operating Experience</p>	NUUG Officers	
BREAK			
3:00 – 3:45	Fast Bus Transfer	Sandhya Madan	MPR
3:45 – 5:00	ETAP 19 and Upcoming 19.5	Tanuj Khandelwal	ETAP
5:00 – 6:00	Networking / Social		
6:30 – 9:00	Dinner		



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Wednesday, June 19

8:30 – 9:00	Continental Breakfast / Networking		
9:00 - 9:30	Calculation Structure & Margin Management	Allen Barrow	SNC
9:30 – 10:00	Columbia Generating Station (CGS) ETAP Model and Arc Flash Considerations	David Dearing	Energy Northwest
BREAK			
10:30 – 12:00	Predictive System Behavior Rule Based Predictive Situational-Awareness for Planning & Operation	Mark Bowman Hugo Castro	TVA ETAP
12:00 – 12:15	NUUG Group Photo		
LUNCH			
1:00 – 2:30	Q&A NUUG Interactive Q&A with ETAP	Jeff Weibelt Albert Marroquin	NUUG Technical Chair ETAP
BREAK			
3:00 – 3:30	Estimating the Effects of Small Voltage and Frequency Changes on Industrial Induction Motor Loading	Mark Bowman	TVA
3:30 – 4:00	Automated Testing of OPDS Digital Multifunction Protective Relays using Simulated Data from ETAP	Amjad Al-Shakarji	Energy Northwest
4:00 – 4:45	eProtect™ Relay Protection & Asset Management System	Tanuj Khandelwal	ETAP
4:45 – 6:00	Networking / Social		
Open Evening – No Group Event See you at 8:30 am tomorrow			



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Thursday, June 20

8:30 – 9:00	Continental Breakfast / Networking		
9:00 – 9:45	Lessons Learned from Robinson Offsite Power Upgrade Project	Neal Simmons Jeff Shearer	Duke Energy Zachry Nuclear
9:45 – 10:30	Modeling Combining Lessons Learned	Sokrat Bufi	Enercon
BREAK			
11:00 – 12:00	IEEE 3002 Dot Standards – 3002.2, 2.3, 2.7, 2.8, 2.9 Recommended Practice for Conducting System Studies and Analysis of Industrial and Commercial Power Systems. Opposing requirements of Load Flow, Short Circuit, Motor Starting, Harmonics, and Transient analysis will be discussed.	Jun Qiu	ETAP
LUNCH			
1:00 – 2:00	ETAP Arc Flash Education Sessions • Arc-Flash Analysis Using IEEE 1584-2018	Raghu Veeraraghavan	ETAP
2:00 – 2:30	• A Second Look into DC Arc-Flash Methods • High Voltage Arc Flash – ArcFault	Albert Marroquin	ETAP
BREAK			
3:00 – 3:45	Open Phase Solution Implementation	Casey Leja	Exelon Corp
3:45 – 4:30	ETAP Future Enhancement Symposium	Jun Qiu / Tanuj Khandelwal	ETAP
4:30 – 5:00	• NUUG Business Meeting • Conference Close	NUUG Officers	
5:30 – 9:00	• Casino Night / Dinner • Conference Awards		