# Agenda
## 2011 ETAP Nuclear Utility User Conference (NUUC)
ETAP Learning Center – Irvine, CA
June 21 – 23, 2011

## Tuesday June 21

| Time | Session | Presenter |
|---|---|---|
| 8:00 – 9:00 | **Welcome**<br>• Opening and Attendees Introduction<br>• ETAP Design Masters & Key Personnel | Sargent & Lundy<br>ETAP |
| 9:00 – 10:00 | **ETAP 11 New Capabilities**<br>• Overview | ETAP |
| 10:15 – 12:00 | **Plant System Analysis**<br>• Feasibility Study – Installation of OLTC on RSST at Millstone Unit-2<br>• Coordinating the Degraded/Loss of Voltage Relaying with the Over−Current Protection Scheme | Dominion Resources<br>Roettger Engineering |
| **Lunch** | | |
| 1:00 – 2:45 | **Application to Plant System Analysis**<br>• Generator Circuit Breaker Fault Calculation for a Split Bus Design<br>• Electrical Protection of Nuclear Power Plant | Duke Energy<br>TNS Engineering |
| 3:15 – 5:00 | **ETAP Testing**<br>• Recommended Testing and Impact Review for ETAP Version Upgrade<br>• Nomination of the New NUUC Officers | Southeastern Alliance<br>Sargent & Lundy |
| **Social / Dinner – Mozambique Restaurant** | | |

## Wednesday June 22

| Time | Session | Presenter |
|---|---|---|
| 8:00 – 9:45 | **ETAP 11 New Capabilities**<br>• Data Manager and Switching Device Interlocks<br>**Motor Starting Analysis**<br>• Voltage Adequacy Determination during Motor Starting Analysis | ETAP<br><br>Duke Energy |
| 10:15 – 12:00 | **IEEE/ Calculation Planning with ETAP**<br>• Recommended Practice for NPGS Offsite Power Reliability<br>• Round table / Panel Discussion on the Degraded Voltage on NRC RIS<br>• Assessment and Validation of Electrical Power Systems<br>• Group Photo | TVA<br>TVA<br>Exelon Nuclear<br>Dominion Resources<br>Exelon Nuclear |
| **Lunch** | | |
| 1:00 – 2:45 | **DC System/Lessons Learned**<br>• DC System Analysis<br>• ETAP Lessons Learned – (2010− 2011) | Enercon<br>Roettger Engineering |
| 3:15 – 4:30 | **ETAP Real-Time**<br>• Real-Time Simulation, Predictive Analysis, and Event Playback | ETAP |
| **Bowl−A−Rama / Dinner – Lucky Strike** | | |

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## Thursday June 23

| | | |
|---|---|---|
| 8:00 – 9:45 | **Assessment Report**<br><br>• Deviation Assessment Reports Issued since Last Year<br><br>• Election of the New NUUC Officers | ETAP<br><br>Sargent & Lundy |
| 10:15 – 12:00 | **User-Defined Dynamic Models - UDM**<br><br>• Generic Load and Source Models Using ETAP 11 UDM<br><br>• EDG Transient Analysis using UDM | ETAP<br><br>Zachry Nuclear Eng Inc. |
| Lunch | | |
| 1:00 – 2:45 | **UDM / ETAP Future Enhancements**<br><br>• Generation Plant Transient Simulations Related to Exciter and Governor Dynamics<br><br>• NUUC Requirements – Existing | ETAP<br><br><br>ETAP |
| 3:15 – 5:00 | **Roundtable Discussion (Overall)**<br><br>• NUUC Requirements – New<br><br>• Open Topics | ETAP<br><br>Sargent & Lundy |
| Social / Dinner – Caspian Restaurant | | |

## ETAP 11 Potpourri Topics

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|---|---|---|
| Tuesday AM | Induction Motor & Load Ticket | ETAP |
| Tuesday PM | UGS in ETAP 11 and Beyond | ETAP |
| | | |
| Wednesday AM | Transformers – Rating & Cooling | ETAP |
| Wednesday PM | Cable Library, Neutral, PE & Earthing | ETAP |
| | | |
| Thursday AM/PM | Motor Acceleration with VFD | ETAP |
| Thursday AM/PM | UPS Parallel Operation | ETAP |
| Thursday AM/PM | Theme Manager | ETAP |

The ETAP Nuclear Utility Conference provides a discussion platform for its member institutions and representatives where items related to ETAP software can be shared and discussed in relation to the nuclear power industry.  The ETAP Nuclear Utility User Group is open to any and all client institutions of OTI licensed as nuclear users. All users within a nuclear client institution using ETAP to support the activities of a nuclear utility are encouraged to participate in the annual conference and its related activities. ETAP users with a non– nuclear license who are interested in nuclear activities can participate as an associate member.