# UCAlug JOINT CONFERENCE – IEC 61850 Tutorial

Sheraton Austin Hotel at the Capitol – Austin, Texas – November 15

## DAY 1: TUESDAY, NOVEMBER 15, 2011

<table>
<thead>
<tr>
<th>TIME</th>
<th>Creekside II Room</th>
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</table>
| 8:00-10:00A  | • Introduction to IEC 61850 and relationship to other IEC standards  
               • Benefits of IEC 61850  
               • Station Bus and Process Bus  
               • Use of IEC 61850 and Ethernet  
               • Device and Object Models (Logical devices, logical nodes, and common data classes) |
| 10:00-10:30A | BREAK (Foyer)                                         |
| 10:30A-12:00P| • Service Models (controls, reporting, GOOSE, and process bus)  
               • Substation Configuration Language  
               • GOOSE  
               • Sampled Values and Process Bus  
               • New activities including new profile for secure synchrophasor communications |
| 12:00-1:00P  | LUNCH (Capitol D)                                     |