



# UCAIug JOINT CONFERENCE – IEC 61850 Tutorial

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

## DAY 1: TUESDAY, NOVEMBER 15, 2011

TIME	Creekside II Room
8:00-10:00A	<ul style="list-style-type: none"> <li>• Introduction to IEC 61850 and relationship to other IEC standards</li> <li>• Benefits of IEC 61850</li> <li>• Station Bus and Process Bus</li> <li>• Use of IEC 61850 and Ethernet</li> <li>• Device and Object Models (Logical devices, logical nodes, and common data classes)</li> </ul>
10:00-10:30A	BREAK (Foyer)
10:30A-12:00P	<ul style="list-style-type: none"> <li>• Service Models (controls, reporting, GOOSE, and process bus)</li> <li>• Substation Configuration Language</li> <li>• GOOSE</li> <li>• Sampled Values and Process Bus</li> <li>• New activities including new profile for secure synchrophasor communications</li> </ul>
12:00-1:00P	LUNCH (Capitol D)