



Digital Switchgear Technology and Application of IEC 61850 for Medium Voltage Switchgear Protection and Control

Technical Meeting

Speaker: Arney Kaner, P.E.
ABB Regional Field Application Engineer

Date: Wednesday, May 1st, 2019

Time: 4:30pm: Arrival, social w/ refreshments, and UST Overview
5-7pm: Presentation w/ dinner

Location: University of St. Thomas (UST), O'Shaughnessy Science Hall (OSS)
2115 Summit Ave., St. Paul, MN 55105
Room OSS 313

Abstract: IEC 61850 is an international standard defining communication protocols for intelligent electronic devices at electrical substations. It is a part of the International Electrotechnical Commission's Technical Committee 57 reference architecture for electric power systems. Since its publication in 2004, the global IEC 61850 standard has been accepted at an unexpectedly fast rate. Since the advent of the IEC 61850, Edition 2 in 2011 that now also takes the standard outside the substation.



Arney Kaner, P.E.

Biography: Mr. Kaner has been an Electrical Engineer for 44 years working on power distribution systems up to 115kV. He's held positions as a Field Engineer in Russia, a Senior Electrical Engineer, a Project Manager at various consulting engineering companies, and is a ABB Regional Application Engineer. Mr. Kaner holds an MSEE degree in Omsk Technical University in Omsk, Russia and is a Licensed Professional Engineer in FL, OH, KY, IL, KS, NE, AZ, CA, WA, and AK. He joined ABB in 2011.

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