



***Rural Electric Power Conference
April 15-17, 2012
Hyatt Regency Hotel
Milwaukee, WI
www.ieeerepc.org***



Featured Technical Papers at IEEE-REPC 2012

Leveraging Mandatory and Enforceable

Electric Reliability Standards for non-Registered Rural Electric Utilities

Seth Brown, PE, GDS Associates, Inc

Regulatory Evolution and Its Effect on System Operation and Security

Michael Swearingen, Tri-County Electric Cooperative, Inc.

Stray and Contact Voltage - An Update on IEEE PES P1695 Working Group Activities

Charles (Chuck) DeNardo, IEEE PES P1695 Chair

Bonding Requirements for Conductive Poles

Edward Thomas, PE, Utility Electrical Consultants, PC

NESC Wind and Ice Load Effects on Wood Distribution Pole Design,

Mark F. Jurgemeyer, PE and Casey Miller, PE, Stanley Consultants, Inc..

Implementing CVR through Voltage Regulator LDC Settings

Jeffrey M. Triplett, PE, Power System Engineering

Investigating Load Estimation Methods with the Use of AMI Metering for Distribution System Analysis

R.F. Arritt, EPRI

Maximizing Protection Coordination with Self-Healing Technology

Dan Roth, Cooper Power Systems

Distribution System and Distributed Energy Resource Modeling and their Effects on System Impact Studies

Greg Shirek, PE, Milsoft Utility Solutions, Inc.

Integrated Fault Location System for Power Distribution Feeders

Yanfeng Gong, Schweitzer Engineering Laboratories, Inc.

Integrated Fault Location System for Power Distribution Feeders

Yanfeng Gong, Schweitzer Engineering Laboratories, Inc.

Power Quality Considerations In Distribution Engineering

Alan Hannah, Arkansas Electric Cooperative Corp.

Shortage of Trained Workforce in Electric Utility Industry: True or False?

P.K. Sen, PhD, PE and Keith Malmedal, PhD, PE, Colorado School of Mines

Impact of Smart Grids and Green Power Generation on Distribution Systems

Charles J. Mozina, Beckwith Electric Co., Inc.

The Smart Grid and Critical Infrastructure Protection (CIP) Cyber Security Strategy for the Future

Rick Dakin, Coalfire