

## T&DEC Power Quality Subcommittee

The mission of the Power Quality Subcommittee is to assist electric cooperatives and consumers by identifying, developing, organizing and disseminating timely, accessible, and understandable information (through RUS documents and other industry publications) regarding power quality issues. The Subcommittee will identify experiences and lessons from utilities that have attempted to address power quality problems. The goal is to position electric cooperatives to address power quality from a strategic perspective.

## Power Quality Subcommittee Members

- Tracy Bensley – Jackson Purchase Energy, KY
  - Ed Bevers – Rural Electric Cooperative, OK
  - Chris Brewer – Blue Grass Energy, KY
  - Bob Casey, Georgia Transmission
  - Jeff Coleman, Berkeley Electric Cooperative, SC
  - Bhaji Dhillon Cobb EMC, GA
  - Herman Dyal, Clay EC, FL
  - Lewis Shaw - Brunswick EMC, NC
  - Mike Swearingen, Tri-County EC, OK
  - Michael Watson (chair) – Duck River EMC, TN
- Consultant Members
- Erik Sonju – PSE, WI
  - Chris Melhorn – EPRI, TN
  - Dave Mueller – Electroteck, TN
- RUS Representative
- Ted Pejman
- NRECA Liaison
- Bob Saint

## Power Quality Subcommittee Projects

- **Interruption Reporting and Service Continuity Standards for Electric Distribution Systems, RUS Bulletin 161-1 (revision)**
- **Annual Reliability Reporting Practices Survey**
- **Voltage Levels of Rural Distribution Systems, RUS 169-4 (revision)**
- **New RUS Flicker Bulletin (to replace the Motor Starting Bulletin)**
- **CEA Technologies (CEATI) Power Quality Interest Group (PQIG)**
- **IEEE Working Groups**
  - **IEEE 1366 – Distribution Reliability Working Group**
  - **Working Group on Voltage Quality**
  - **IEEE 1159 - Monitoring Electric Power Quality Working Group**
  - **Working Group on Power Quality Solutions**
  - **Accredited Standards Committee for Preferred Voltage Ratings for AC Systems and Equipment, C84**

## T&DEC System Planning Subcommittee

The System Planning Subcommittee, in conjunction with RUS and other organizations, works to identify, develop, organize and disseminate timely, accessible and understandable information regarding system planning issues.

## System Planning Subcommittee Members

- Steve Atkinson – Northern Virginia EC
  - Mark Barbee – Kansas EC
  - Robin Blanton – Piedmont EMC, NC
  - Joe Dorough (chair) – Jackson EMC, GA
  - Ronnie Frizzell – Arkansas EC
  - Brad Hicks – Laurens EC, SC
  - Jon Joyce – First EC, AK
  - Tim Mobley – Berkeley EC, SC
  - Tim Sharp – Salt River Electric, KY
  - Joe Sowell – Georgia Transmission
  - Pat Williams – East Mississippi EPA
  - Ken Winder – Moon Lake EC, UT
- Consultants
- Brian Tomlinson – Cornelius-Peirce, TX
  - Dave Garrison – Allgeier Martin, OK
  - Bob Dew – Hi-Line Engineering, GA
  - Joe Perry – Patterson & Dewar, GA
  - Ryan Smoak – McCall-Thomas, SC
- RUS Representative
- Georg Shultz
- NRECA Liaison
- Bob Saint

## System Planning Subcommittee Projects

- **Sectionalizing Bulletin, RUS 61-2 (revision)**
  - IEEE Working Group on Overcurrent Protection
- **Long Range Planning Guide, RUS Bulletin 1724D-101A (revision)**
- **DG Interconnection**
  - IEEE 1547 series
  - IEEE PES DR Interconnection WG
  - NRECA DG Integration Toolkit
- **DOE Distribution Transformer Efficiency Standards**
- **Aging Analysis**

## Want to become a member of T&DEC?

- employed by a voting member of NRECA
- at least five years experience in the electric utility industry
- either
  - possesses an engineering degree from a recognized college or university
  - has other relevant technical training
- present a letter from employer to the Subcommittee Chair, with a copy to the T&DEC Liaison with responsibility for that Subcommittee
  - authorizing attendance of at least two Subcommittee meetings per year
  - agreeing to pay the individual's expenses for meetings attended

To apply, go to [Cooperative.com](http://Cooperative.com)

[www.cooperative.com/engineering/  
resources/TDEC/NominationForm.htm](http://www.cooperative.com/engineering/resources/TDEC/NominationForm.htm)

- Engineering & Operations Professional Resources
  - “T&D Engineering Committee” on left
  - “How to Become a Member” on left
  - Nomination Form