# 2018 joint technical committee meeting Minutes of Power Qaulity Subcommittee – Harmonics WG (519.1)

## Meeting Location and Time

Jacksonville, Florida  
Monday, 2018 January 8, 16:00 to 17:00  
Hyatt Regency – Riverfront, Conference Center A

## MEEting Minutes

### Attendees

David Zech Kenn Sedziol

Nick Zagrodnik Ed Russo

Mark Halpin Dan Sabin

Francisc Zavoda Rich Bingham

Steven Johnston Addis Kifle

Kevin Kittredge Scott Peele

Joe Grappe Julio Barros

Li Yu Carl Miller

Nikunj Shah

The meeting was called to order by Mark Halpin at 1602. Minutes were recorded by Nick Zagrodnik.

### Old Business

Reviewed volunteer assignments given in 2017 JTCM and went through a status on progress.

1. Scope – Mark Halpin (write), Rich Bingham (review) - Complete
2. Point of common coupling – Mark Halpin (write), Rich Bingham (review) – Complete
3. Measurement – Rich Bingham (write), Dave Mueller (review) – In progress
4. Statistical Limits – Theo Laughner (write), Dave Zech (provide data and review) – In progress
5. 2nd order harmonic limit relaxation – Ken Sedziol and Dave Zech (write) – In progress
6. Misapplication of harmonic limits to equipment – Dave Mueller (write), Ken Sedziol (review) – In progress
7. Interharmonics – Harish Sharma (write), Mark Halpin (review) - Complete

### New Business

Mark Halpin solicited additional volunteers to keep up with volunteer activities assigned in 2017 JTCM.

Cases/Data in misapplication of harmonic limits to equipment. Nikunj Shah agreed to assist with that topic. All other volunteer assignments remain the same.

2nd order harmonic limit relaxation being worked on as discussed in 2018 JTCM 519 WG meeting.

Discussed Canadian Utilities (e.g. Scott Mercer’s) efforts in identifying technical differences between Canada and US T&D system in order to better understand application of harmonic limits. Referenced survey sent out by Scott Mercer with BC Hydro soliciting information on network characteristics of various US utility companies.

### Summary of Volunteers for Future Activities:

1. Nikunj Shah agreed to provide case study with data on misapplication of harmonic limits.