

**D3 Working Group – Bus Design Working Group**  
**New Orleans**  
**Jan 10, 2017**  
**8 AM – 12 PM**

Chair: Hanna E. Abdallah  
Vice Chair: Jean-Bernard Dastous  
Secretary: Charles Haahr

1. Introduction and Welcome ( Chuck)
2. Slide Set
3. Review and Approval Meeting Notes-Atlanta 2016
4. Guide Status (PAR) - Discussed that the PAR expires December 2018.
5. Review assignments
  - a. Discussed assignments. Most assignments are complete or near complete.
  - b. The team working through ASD and LRFD has some final decision to work through. Alex Kladiva re-presented portions of his presentation he had given previously. Synopsis is below.
  - c. ASD is more traditional (which is what our current version is) LRFD Methodology is the new system. Shift started to occur in 70s. LRFD is generally accepted as current preferred design method. Insulator design is a bit different. There was discussion about needing to make a decision in May about direction on how to publish. Alex to provide a direction.
    - i. Short circuit loadings –
    - ii. Wind map changes. – With new ASCE 7-16 maps, you can't just take map and factor it. ASCE 113 – 2<sup>nd</sup> Edition increases wind speed and removes importance factor.
6. Review Schedule
  - a. Chuck pointed out that it is time to be done. With the PAR expiring in December 2018, we need to make final decisions and start transferring information to new standard so we can work through the voting process.
  - b. Alex Kladiva has agreed tentatively to be technical editor since the bulk of the document is his stuff.
7. Future Meetings
  - a. Richmond, Virginia May 7-11



## 8. Meeting Adjourn

Attendees – Note, the first list of attendees are not in 123 and could not be properly recorded. The people on the first list are encouraged to enter the date into 123.

Rick Nugent      Duke Energy  
Vipul Desai      Power Engineers  
Yair Berenstein   Commonwealth Associates  
Philip Baker      Duke Energy

Member	Richard	Keil	Commonwealth Associates Inc.
Member	Sakis	Meliopoulos	Georgia Institute of Technology
Member	Hamid	Sharifnia	IEEE PES Substation
Secretary	Charles	Haahr	Power Grid Engineering
Member	Aaron	Wilson	Xcel Energy Services
Member	Reginaldo	Maniego	Duke Energy
Guest	Benjamin	Loehr	Sega Inc.
Member	Thomas	Proios	Leidos Engineering, LLC
Member	Olivialin	Miller	American Electric Power
Guest	Jeremy	McNutt	Tennessee Valley Authority
Member	Alex	Kladiva	Burns & McDonnell
Member	Dragana	Hadziosmanovic	Xcel Energy
Guest	Thanesh	Murugesu	Entergy
Member	Prapon	Somboonyanon	Burns & McDonnell
Guest	Carolyn	Baxter	Black & Veatch
Guest	Christopher	Carson	Southern Company
Guest	Daniel	Heider	Commonwealth Associates Inc
Guest	Geoffery	Biela	Commonwealth Assoc., Inc.
Guest	Mohammad	Hammad	Entergy
Member	Ethan	Rhoades	Beta Engineering

