

IEEE POWER & ENERGY SOCIETY / SUBSTATIONS COMMITTEE



2017 – 2018 Officers

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Working Group E3: Substation Fire Protection

Meeting Date: Tuesday January 10, 2017
Time: 0800-1200

Interim Chair: Don Wengerter

Secretary : Shashi Patel

Agenda:

1.	Welcome & Affiliation slide	Don Wengerter
2.	Review and select working group officers	All/Don Wengerter
3.	Review status of current guide including material from Don Delacout	All
4.	Determine if technical editor is needed.	All
5.	Assign "homework"	Chair
6.	Next meet in Richmond VA May7-11, 2017	All
7.	Adjourn	Chair

Meeting Minutes:

Don Wengerter conducted meeting in absence of a Don Delacout - chair/vice chair.

IEEE Patent Slide showed.

Each individual introduction completed

Shashi Patel endorsed to be chair of the Substation WGE3 IEEE 979.

Scott Bryant volunteered as the Vice Chair of WGE3.

Discussed the PAR need to be developed and submitted for next 2021 revision.

Update the roster list

Member, guest, and corresponding member function discussed.

PAR discussion



Recommended to borrow the NFPA 850 scope into the purpose for the PAR development. – use word such as “guidance”, PAR is completed and ready for submission.

Risk based economics topic discussed, suggested to bring it next meeting in Richmond.

Fire emergency response

Separation of the transformer from the building structures need to be added.

Damage of transformer fire causes the collateral damages

Discuss the hazard of fire of transformer, area of the spill??

Heat flux index to be revisited,

Table 1 need to be revised

Maintenance program of fire protection need to be discussed including oil monitoring system

The FM 3 type of the high flash point oil needs to be discussed

Technical editor –George Orme or Chuck

Secretary - Matt Bauer B&MCD

Point of Radiation / CFD (Computational Fluid Dynamic) models per asset need to be discussed.

Homework assignment – Read the guide - send out the PAR to the members

Find out the word document of 2012.

MV SWGR Arc Flash concern to be considered.

Application of drainage piping to be discussed

Suggested to remove the spatial table – BC Hydro Document

Meeting adjourned

Next Meeting

Next meeting will be held in Richmond, Virginia to continue to update the guide. The 2017 Substation Committee Annual Meeting is scheduled in to take place in May.

Please RSVP at:

<http://ewh.ieee.org/cmte/substations/scm0/2017RICH/basefile.htm>

Thank you to everyone for your help!





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