

# Distribution Transformer Subcommittee

## Task force / Working Group Report

Document #: PC57.167

Document Title: 

<b>TF Guide for Monitoring Distribution Transformers</b>
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Chair: Gary Hoffman Vice-Chair: Mike Thibault

Secretary: See below Per Cent Complete: 0

Current Draft Being Worked On: NA (Working Group) Dated: 17 October 2018

Meeting Date: 16 October 2018 Time: 4:45 til 5:50PM

Attendance:	Members	<u>51</u>
	Guests	<u>44</u>
	Total*	<u>95</u>

\* For details of attendance, please refer to AMS system of the Transformers Committee

### **Draft Meeting Minutes / Significant Issues / Comments:**

1. Call to order and any Chair's remarks – Called to Order at 4:45PM by Gary Hoffman
2. Quorum Verification – All participants were informed of the option to request membership of the Task Force by indicating in the Rosters being circulated.
3. Confirmation of the essential patent statement and responses – No patents were discussed or disclosed to the Chair or the Vice as of the submittal of these minutes
4. Approval of agenda for this meeting. No Objections Motion by Jerry Murphy, Second by Al Traut– Unanimously Approved
5. Call for WG Secretary: Post meeting, Gustavo Leal volunteered appointed by the Chair
6. Technical topics introduced by Chair followed by discussion of each
  - a. Review of WG's Scope/PAR
  - b. (Introduction of Suggested Clauses to the Guide – Not in order of Guide to be developed)
    - i. Justification for monitoring – Discussion centered on Safety, Resiliency, Reliability
    - ii. Key monitoring parameters and their tolerances
    - iii. Method of alert – Audible and/or visible local alarming
    - iv. Telemetry – Transmission of information to those which should then take action.
    - v. Monitor enclosure integrity and user access – How the Monitoring Device Enclosure should be constructed
    - vi. Installation – How the Monitoring Devices should be installed – Discussion concerning some Utility Regulatory Commissions accepting monitor Reporting in lieu of on-site inspections (Rick Cantrell).
    - vii. Obligatory - Overview/Normative Reference/Definitions Clauses
7. New business (members on Task Forces as well as presenters are shown below as Table 1)
  - a. Motions for establishing Task Forces for Suggested Clauses
  - b. Motion to form Task Force (TF) for 6.b.i (Justification for Monitoring) development of Clause – Dan Mulkey – Made Motion – Seconded by Steve Shull Motion Passed unanimously. Dan Mulkey to Chair TF. Call for Member participants in TF.
  - c. Motion to form Task Force (TF) for 6.b.ii (Key Monitoring parameters and tolerances) development of Clause – Jerry Murphy – Made Motion – Seconded by Steve Shull Motion Passed unanimously. Jerry Murphy to Chair - Call for Member participants in TF
  - d. Motion to form Task Force (TF) for 6.b.iii and iv (Method of Alert and Telemetry) development of Clause – Mike Thibault – Made Motion – Seconded by Said Hachichi Motion Passed unanimously. Mike Thibault to Chair - Call for Member participants in TF

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- e. It was agreed to Table action on clause for enclosure integrity and access along with the clause on installation
- f. General – Between Fall 2018 Jacksonville and 2019 Anaheim Meeting the expectation is that these TFs formed in 7.b thru d will schedule via a “Doodle Poll” and meet via “Web-Conference Call) and develop a draft proposal for the working group to review and discuss at the Anaheim Meeting.
- g. Discussion of the followed concerning Utilities and Manufacturing members of the Working Group to provide short presentations at the next meeting in Anaheim on what “State of the Art” Monitoring for Distribution Class Transformers. Volunteers for this were:
  - i. PSE&G – David Blew
  - ii. ConEdison – Bradley Kittell/Jason Attard
  - iii. Qualitrol – Hakim Dulac
  - iv. Pacific Gas and Electric –Mike Thibault
  - v. Dupont – Mark Scarborough

A doodle poll will be issued to decide on meeting dates prior to and just after Thanksgiving and perhaps after the New Year
- 8. Next face to face meeting – Anaheim, California March 24 thru 28 – 2019. A Web meeting may be called if needed
- 9. Adjournment

Table 1

	Task Force 1 - Justification Clause	Task Force 2 Monitor Clause	Task Force 3 - Method and Telemetry	Presenter
Chair	Daniel Mulkey with Mulkey Engineering Inc.	Jerry Murphy with Reedy Creek Energy Services	Michael Thibault with Pacific Gas & Electric	
Member	Stephen Shull with North Fork SE, LLC	Roger Fenton with Fenton Solutions	William Whitehead with Camlin Power	Jason Attard with Consolidated Edison Co. of NY
Member	John Chisholm with IFD Corporation	Rick Cantrell with Sunbelt Transformer	Jason Attard with Consolidated Edison Co. of NY	Michael Thibault with Pacific Gas & Electric
Member	Jeff Benach with Weidmann	Jeremy Van Horn with IFD Corporation	Brian Klaponski with Carte International Inc.	Mark Scarborough with DuPont
Member	Douglas Craig with Richards Manufacturing Co.	Jason Attard with Consolidated Edison Co. of NY	Audrey Siebert-Timmer with IFD Corporation	David Blew with PSE&G
Member		Hakim Dulac with Qualitrol Company LLC	Kwasi Yeboah with General Electric	Brad Kittrell with Consolidated Edison Co. of NY
Member		Brian Klaponski with Carte International Inc.		
Member		Brad Kittrell with Consolidated Edison Co. of NY		
Member		Babanna Suresh with Southwest Electric Co.		

There were no Handouts for this Meeting – Attached Power Point for Meeting Agenda

Submitted by: Mike Thibault (Vice Chair)

Date: 10/17/2018