# Vice-Chair’s Report – David Wallach

The Vice-Chair’s Report will be presented at the Monday General Session.

## IEEE PES Calendar of Recent and Upcoming Events

The following are recent and upcoming PES sponsored conferences and committee events. Please check the PES website at [www.ieee-pes.org](http://www.ieee-pes.org) for further details, and additional events.

* 2022 IEEE PES Transmission and Distribution Exhibition and Conference
April 25 - 28, 2022, New Orleans, LA
* 2022 IEEE PES General Meeting
July 17 - 21, 2022, Denver, Colorado
* 2023 IEEE PES General Meeting

July 16 - 20, 2023, Orlando, Florida

## 2022 IEEE PES Transmission and Distribution Conference and Exhibition, April 25 - 28, 2022, New Orleans, LA

### Conference Theme

The weblink is <https://ieeet-d.org/>

The theme of the conference is *Power in Discovery*.

### Conference Paper Submittals

The paper submission period opened to authors on July 8, 2021 and closed on August 15, 2021. Papers were then distributed to various Technical Committees for peer review based upon the paper content. The Transformer Committee peer review process ended on October 28, 2021. Below is a summary of the final paper reviews:

Total Submissions 14

Accepted 10

Rejected 4

Below are the conference papers accepted (transaction and conference)

| **Paper** | **Title** | **Type** |
| --- | --- | --- |
| 2022TD0033 | How to Improve IEEE C57.104-2019 DGA Fault Severity Interpretation | Conference |
| 2022TD0042 | Resilient substations – concepts and applications | Conference |
| 2022TD0053 | Innovative Condition Monitoring Solutions Using Integrated Sensing Enabled by a New Generation of Dry Type Insulation Technologies | Conference |
| 2022TD0076 | Introduction of Clean Air Insulation for High Voltage Instrument Transformers | Conference |
| 2022TD0120 | Evaluation of GIC Thermal Capability of Power Transformers – Part I: Core Form Transformers | Conference |
| 2022TD0121 | Evaluation of GIC Thermal Capability of Power Transformers – Part II: Shell Form Transformers | Conference |
| 2022TD0147 | Power flow control of carbon-neutral energy to industrialized urban areas | Conference |
| 2022TD0156 | Thermal Class of Thermally Upgraded Kraft Insulation in Synthetic and Natural Ester Liquids | Conference |
| 2022TD0181 | Improved Gyrator-Capacitor Modeling of Magnetic Circuits with Inclusion of Magnetic Hysteresis | Conference |
| 2022TD0026 | Assessment of In-Service Synthetic Ester Filled Transformers at 33 kV and Below | Transaction |

### Panel Sessions

There have been 3 panel sessions proposed for the Transformers Committee activities and two of them have been approved. The 3rd panel was not approved in time and has been moved to the 2022 GM.

The approved panels are:

* “Dual Nameplate kVA Distribution Transformers”, Phil Hopkinson, Dan Mulkey, Kevin Rapp, Al Traut, Steven Rosenstock, Tom Prevost
* “Significant revisions made to C57.104, the IEEE Guide for the Interpretation of Gases Generated in Mineral Oil-Immersed Transformers”, Scott Reed, David Wallach, Ed teNyenhuis

### Tutorial Sessions

One tutorial session was approved:

* “Digital condition-based Asset Management Systems” by Markus Stank, Alexei Babizki, Thorsten Krüger and Bastian Auerbach.

### Paper Reviewer Recognition

Reviewing conference papers is a valuable service to both the authors and the transformer industry. The efforts spent by those who volunteer their time is an essential part of ensuring the papers that are presented are of the highest quality. The time and effort spent reviewing papers often goes unrecognized. The Transformers Committee offers its thanks and gratitude to the following people who volunteered their time to review one or more of the papers submitted. The number of offers received to review papers was tremendous.

Tauhid Ansari

Steve Antosz

Claude Beauchemin

Enrique Betancourt

Daniel Blaydon

Ali Cheema

Marc Foata

George Frimpong

Eduardo Garcia

Jack Harley

Gary Hoffman

Philip Hopkinson

Akash Joshi

Sheldon Kennedy

Zan Kiparizoski

Vijayan Krishnamurthy

Raja Kuppuswamy

Weijun Li

Xose Lopez-Fernandez

Kumar Mani

Sue McNelly

Ross Mctaggart

Ali Naderian

Shankar Nambi

Poorvi Patel

Christoph Ploetner

Tom Prevost

Bob Rasor

Scott Reed

Diego Robalino

Zoltan Roman

Alan Sbravati

Ewald Schweiger

Jin Sim

Kenneth Skinger

Mike Thibault

Jim Thompson

Kiran Vedante

Dharam Vir

Joe Watson

Bruce Webb

Drew Welton

Kris Zibert

Waldemar Ziomek

## 2022 IEEE PES General Meeting, July 17 - 21, 2022, Denver, Colorado

### Conference Theme

The weblink for the event is <http://pes-gm.org>

The theme of the conference is *Powering a Sustainable Future in a Changing World*.

### Conference Paper Submittals

The paper submission period opened to authors on Oct 1, 2021 and closed on Nov 22, 2021. Papers were then distributed to various Technical Committees for peer review based upon the paper content. The Transformer Committee peer review process ended on Feb 14, 2022. Below is a summary of the final paper reviews:

Total Submissions 5

Accepted 3

Rejected 2

The number of accepted papers is set by the PES Technical Council (target is 50%).

In addition, there was 1 transactions paper which is automatically accepted and does not require a peer review (not included in the numbers above).

Below are the conference papers accepted (transaction and conference)

| **Paper** | **Title** | **Type** |
| --- | --- | --- |
| 22PESGM1144 | An Approach for Identification of Inter-Turn Fault Location in Transformer Windings using Sweep Frequency Response Analysis | Transaction |
| 22PESGM1440 | Persistence of Excitation in an Online Monitoring of Transformer Conference Paper | Conference |
| 22PESGM1590 | Impact of Load Tap Changer Control Operation Under Microgrid Conditions | Conference |
| 22PESGM1826 | Accurate Calculation of VAR Demand for a fleet of Power Transformers | Conference |

### Panel Sessions

One panel session has been approved for the Transformer Committee activities:

* Impact of Geomagnetically Induced Current (GIC) on Power Transformers and Power Systems”, Ramsis Girgis, Mark Olson, Krishnat Patel, Ashley Commander, Thomas Hartmann, Anastasia O’Malley, Chris Pilch, Gary Hoffman and Dan Blaydon.Tutorial Sessions

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Marc Foata

Eduardo Garcia

John Herron

Phil Hopkinson

John John

Zan Kiparizoski

Axel Kraemer

Weijun Li

Darell Mangubat

Poorvi Patel

Chris Ploetner

Pugal Selvaraj

Michael Thibault

Jason Varnell

David Walker

Bruce Webb

Drew Welton

Igor Ziger

Respectfully submitted,

David Wallach

Vice-Chair

March 7, 2022