

Transactions on Power and Delivery (TPWRD) Editor Liaison Report IEEE PES Transformer Committee

March 11, 2024– Spring Meeting,
Vancouver, BC

Xose Lopez-Fernandez

Transactions on Power and Delivery (TPWRD) Editor Liaison

- During 2023 until March 4, 2024, a total of 100 papers were and are in the editorial review in the transformer area of IEEE Transactions on Power Delivery for possible publication. For all of these papers, the recommendations were as follows:
 - Accept 13
 - Revise & Resubmit 1
 - Under review 24
 - Reject 55
 - Editorial / Administrative Reject 7
 - **TOTAL (During 2023 until March 4, 2024) 100**
 - The above numbers include reviews managed by all editors.

Transactions on Power and Delivery (TPWRD)

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- [10.1109/TPWRD.2024.3365857](#) [Three-phase Three-legged Wye-Wye Transformers with Only One Neutral Grounded and no Stabilizing Winding – Part I: Zero-sequence Performance](#)
- [10.1109/TPWRD.2024.3365861](#) [Three-phase Three-legged Wye-Wye Transformers with Only One Neutral Grounded and no SW –Part II: Zero-sequence Permissible Temperature](#)
- [10.1109/TPWRD.2023.3303106](#) [Thermal Analysis of Power Transformers Under Geomagnetically Induced Current](#)
- [10.1109/TPWRD.2023.3314027](#) [Independent Fast Phase Shifting Transformer: A Flexible and High-precision Power Flow Controller](#)
- [10.1109/TPWRD.2023.3334102](#) [Saturation Curve Estimation of Three-Legged Three-Phase Transformers Using Inrush Current Waveforms](#)
- [10.1109/TPWRD.2023.3245123](#) [Dynamic Model of a Virtual Air Gap Reactor](#)
- [10.1109/TPWRD.2023.3264972](#) [Measurement and Analysis of Switching Transient in 500](#)

Accepted for
Publication

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Accepted for
Publication

kV Pumped Storage Power Plants

[10.1109/TPWRD.2023.3255212](#) [A Compact Saturated Core Fault Current Limiter](#)

Magnetically Integrated with Decoupling Windings

[10.1109/TPWRD.2023.3305732](#) [Residual Lifetime Evaluation of Power Transformers](#)

Based on Data Fusion and Wiener Model

[10.1109/TPWRD.2023.3242266](#) [A Mechanical-Electromagnetic Coupling Model of Transformer Windings and its Application in the](#)

Vibration-based Condition Monitoring

[10.1109/TPWRD.2023.3292569](#) [PEV Charging Optimization Considering a Dynamic Rating](#)

of Primary Distribution Transformers

[10.1109/TPWRD.2023.3243887](#) [DC Impedance Modeling of Push-Pull DC Auto-](#)

transformer for MMC and LCC HVDC Interconnections

[10.1109/TPWRD.2023.3265671](#) [Distribution Transformer Remaining Useful Life](#)

Estimation Considering Electric Vehicle Penetration

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- Thank you to the reviewers:
 - Barry Beaster
 - Enrique Betancourt
 - Gary Hoffman
 - Jerry R. Murphy
 - Jim Graham
 - Jim McBride
 - Ramsis Girgis
 - Rick Marek
 - Tauhid Ansari

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- Please consider joining as reviewers.
- Those interested can send an email to xmlopez@ieee.org, specifying their “Specialty / Area of Expertise” of interest, such as:
 - Power Transformers
 - Instrument Transformers
 - Insulating fluids category
 - Insulation life
 - Audible Noise and Vibration
 - Transformer Modeling Techniques
 - HVDC Converter Transformers
 - Reactors
 - Monitoring
 - Design
 - Heating
 - Etc.