

TPWRD Liaison Report

Xose M. Lopez-Fernandez

Transactions on Power and Delivery (TPWRD) Editor Liaison

- Dr Xose M. Lopez-Fernandez
- During 2023 until September 2023, a total of 77 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	14
Revise & Resubmit	3
Under review	20
Reject ..	32
Editorial / Administrative reject	8

TOTAL (During 2023 until September 26, 2023) **77**

The above numbers include reviews managed by all editors.

DOI /Accepted	Title / Accepted
10.1109/TPWRD.2023.3266861	Rational Function Approximation of Transformer Branch Impedance Matrix For Frequency-Dependent White-Box Modeling
10.1109/TPWRD.2023.3271027	A Novel Decoupled EMT Approach and Parallel Simulation Framework for Modularized Solid-state Transformers
10.1109/TPWRD.2023.3274683	Analytic Calculation of External Magnetic Field of High Voltage Toroid-Type Air-Core Reactors
10.1109/TPWRD.2023.3314027	Independent Fast Phase Shifting Transformer: A Flexible and High-precision Power Flow Controller
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.2023.3307638	Determination of Parasitic Capacitance of High-Power Medium Frequency Transformers: Case study of a high voltage DC biased transformer for wind power application
10.1109/TPWRD.2023.3265671	Distribution Transformer Remaining Useful Life Estimation Considering Electric Vehicle Penetration

10.1109/TPWRD.2022.3217726	Research on Oil Pressure Rise and Fluctuation Due to Arcing Faults Inside Transformers
10.1109/TPWRD.2023.3255212	A Compact Saturated Core Fault Current Limiter Magnetically Integrated with Decoupling Windings
10.1109/TPWRD.2023.3264249	An Improved Radial Buckling Analysis Method and Test Investigation for Power Transformer under Short Circuit Impact
10.1109/TPWRD.2023.3243020	Sympathetic Transformer Inrush Detection and Relay blocking during Power System Restoration

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- It is important for all interested individuals to follow the norm for writing papers as provided in IEEE.
 - The link is <https://cmte.ieee.org/tpwrd/>
 - particularly helpful is “How to Write for Technical Periodicals and Conferences”:
<https://ieeauthorcenter.ieee.org/wp-content/uploads/How-to-Write-for-Technical-Periodicals-and-Conferences-1.pdf>
- Thanks to reviewers:
 - Barry Beaster, Enrique Betancourt, Gary Hoffman, Jerry R. Murphy, Jim Graham, Jim McBride, Ramsis Girgis, Rick Marek, Tauhid Ansari

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- I would like to encourage everyone associated with IEEE Transformers Committee activities to consider becoming a Reviewer. If interested email xmlopez@ieee.org specifying any “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