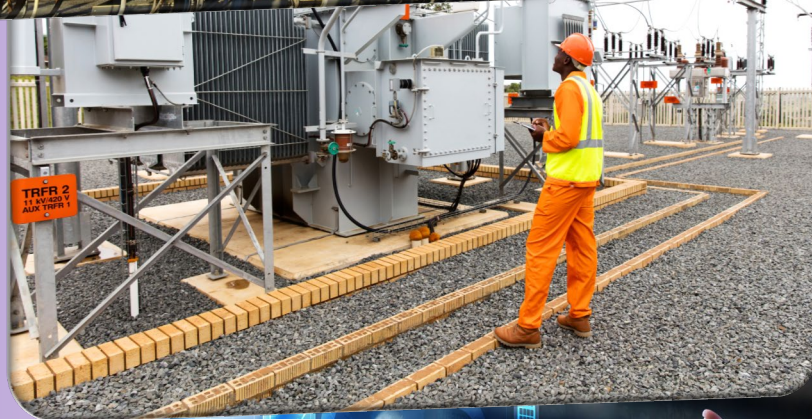


Transmission and Substations Engineering Software

A list of engineering software tools to help utility engineers design, assess, and maintain assets.



P34 – Transmission Asset Management Analytics

Circuit Breaker Risk Ranking (CBRR) v12.0

Arshpal Gill

agill@epri.com

3002032721

Power Transformer Expert System (PTX) v12.0

Bhavin Desai

bdesai@epri.com

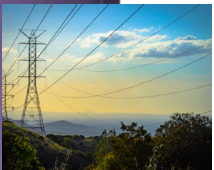
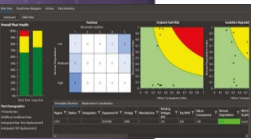
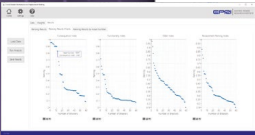
3002032722

Overhead Transmission Line Risk Ranking Software v1.0

Sean Jiang

sjiang@epri.com

3002032733



P35 – Overhead Transmission

Foundation Analysis & Design (FAD) v. 5.1.19

David Folk

dfolk@epri.com

3002005097

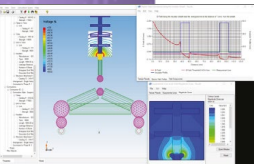


Insulator Calculation Engine (ICE) v12.0

Tim Shaw

tshaw@epri.com

3002032778

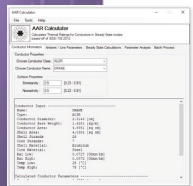


Transmission Ratings Workstation (TRW) 2025

Justin Bell

jbelle@epri.com

3002032787

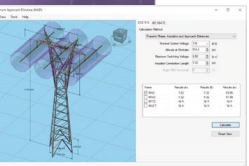


Minimum Approach Distance (MAD) Calculator v3.2

Gary Sibilant

gsibilant@epri.com

3002032771

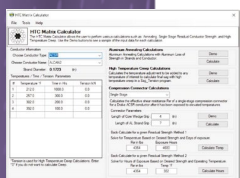


High Temperature Conductor (HTC) Matrix v15.0

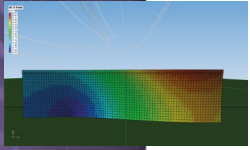
Rachel Moore

ramoore@epri.com

3002032355

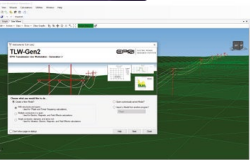


P35 – Overhead Transmission *continued*



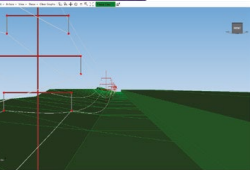
Transmission Line Workstation Gen 2 (TLW-Gen2): HVDC Electrical Effects Module v13

Gary Sibilant gsibilant@epri.com 3002032810



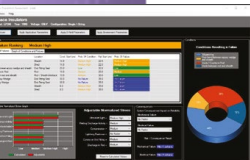
Transmission Line Workstation Gen 2: Design Modules Vibration (TLW-Gen2) v13.0

Pierre Marais jmarais@epri.com 3002033829



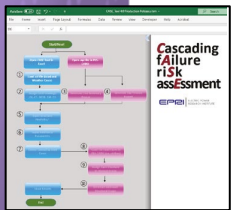
Transmission Line Workstation Generation 2 (TLW-Gen2) v13.0: Lightning Performance (TFlash) and Power Frequency Grounding Modules

Camille le Mauff clemauff@epri.com 3002032746



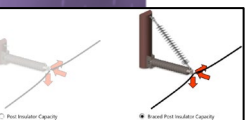
Polymer Insulator Population Assessment (PIPA) v1.0

Tim Shaw tshaw@epri.com 3002032780



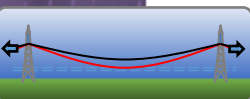
Cascading Failure Risk Assessment Tool v. 3.1

Pierre Marais jmarais@epri.com 3002021504



Post Insulator Capacity Calculator (PICC) v2.0

David Folk dfolk@epri.com 3002023666



Optimal Line Tension Calculator (Op10) v2.6

Jean-Pierre Marais jmarais@epri.com 3002033298

P35 – Overhead Transmission *continued*

Red Book Application Suite v2.5.1

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3002033679

Red Book Web Apps

Jean-Pierre Marais jmarais@epri.com

3002033832

Aging Chamber Report (ACR) Tool v18.0

Tim Shaw tshaw@epri.com

3002032776

P36 – Underground Transmission

Underground Transmission Workstation (UTW) v7.9.2

Tom Zhao tzhao@epri.com

3002032813

Underground Transmission Workstation DC Module (UTW DC) v6.0

Tom Zhao tzhao@epri.com

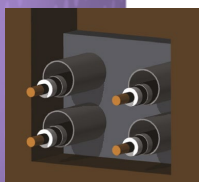
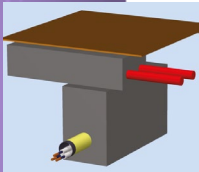
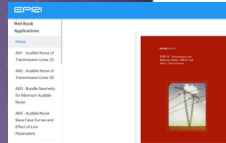
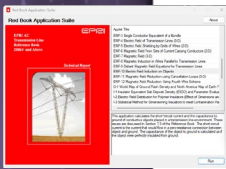
3002032881

P51 – T&D Environmental Issues

Mineral Oil Spill Estimation Software - Multiphase (MOSES-MP) v5.5

Lea Millet lmillet@epri.com

3002032983



P60 – Electric and Magnetic Fields and Radio-Frequency Health Assessment and Safety



EMFast Web v1.0

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Electric and Magnetic Fields Occupational Exposure Database (EMF-OED) v1.0

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