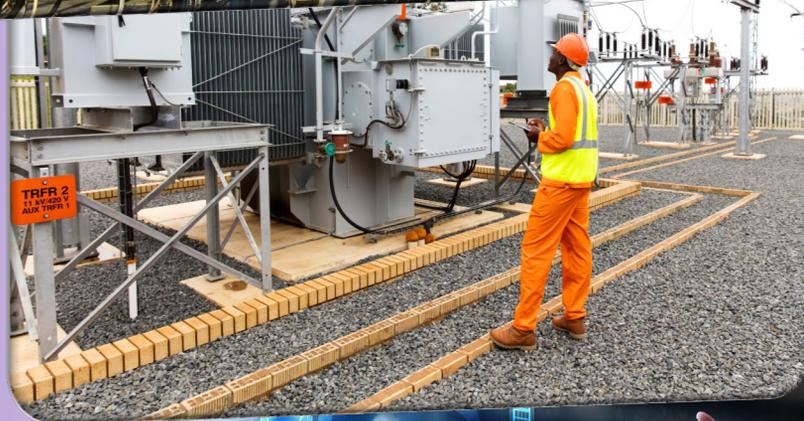
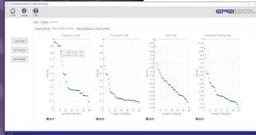


Transmission and Substations Engineering Software

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

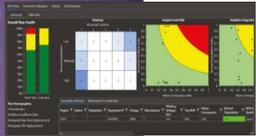


P34 – Transmission Asset Management Analytics



Circuit Breaker Maintenance and Replacement Ranking Software – version 10.0

Arshpal Gill agill@epri.com 3002026882



Power Transformer Expert System Software v9.0

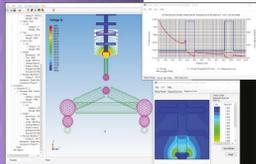
Tim Raymond traymond@epri.com 3002026877

P35 – Overhead Transmission



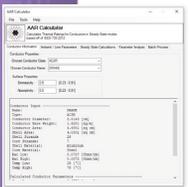
Foundation Analysis & Design (FAD) v. 5.1.19

Pierre Marais jmarais@epri.com 3002005097



Insulator Calculation Engine (ICE) v. 10.0

Tim Shaw tshaw@epri.com 3002027343



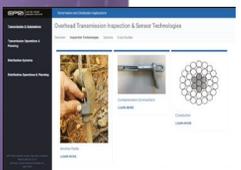
Transmission Ratings Workstation

Justin Bell jbell@epri.com 3002027088



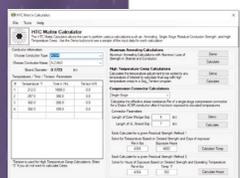
Minimum Approach Distance Calculator (MAD Calculator)

Gary Sibilant gsibilant@epri.com 3002027023



Overhead Transmission Inspection and Sensing Technology Database (OTIS)

Tim Shaw tshaw@epri.com 3002026923



High-Temperature Conductor (HTC) Matrix v. 13.0

Rachel Moore ramoore@epri.com 3002027104

P35 – Overhead Transmission *continued*

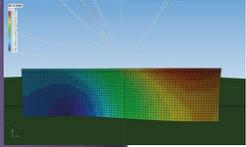


Aging Chamber Report Tool (ACRT) v. 15.0

Tim Shaw

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3002024440

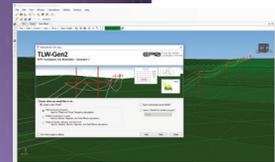


Transmission Line Workstation – Gen 2 (TLW-Gen2) v. 11.0: HVDC Electrical Effects

Gary Sibilant

gsibilant@epri.com

3002027149

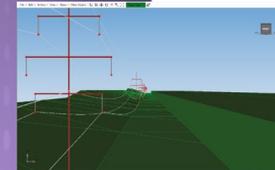


Transmission Line Workstation – Gen 2 (TLW-Gen2) v. 11.0: Design Module (incl. Electrical Effects, LCC & Vibration calculations)

Pierre Marais

jmarais@epri.com

3002026991



Transmission Line Workstation – Gen2 (TLW-Gen2) v. 11.0: Lightning & Grounding

Camille le Mauff

clemauff@epri.com

3002026979

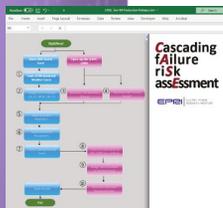


Polymer Insulator Population Assessment Tool (PIPA) v. 12.0

Tim Shaw

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3002027042



Cascading Failure Risk Assessment Tool v. 3.1

Pierre Marais

jmarais@epri.com

3002021504

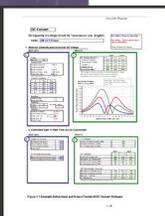


Increased Power Flow Wizard (IPFWiz) v. 2.2

Justin Bell

jbelle@epri.com

1021704



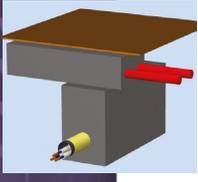
AC to DC Line Conversion - DC Convert Software

Ram Adapa

radapa@epri.com

1020651

P36 – Underground Transmission



Underground Transmission Workstation (UTW) v. 7.9

Tom Zhao

tzhao@epri.com

3002027199



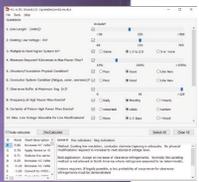
Underground Transmission Workstation – DC Ampacity (UTW-DC) v. 4.0

Tom Zhao

tzhao@epri.com

3002027233

P37 – Substations



AC vs DC Wizard 2.0 – Software for Comparing AC and DC Options

Ram Adapa

radapa@epri.com

3002000854



Circuit Breaker Lubrication Selection (CBL) v. 5.0

Arshpal Gill

agill@epri.com

3002015675



Electronic Information Tool for Transmission Line and Substation Sensor Systems (SCMID) v 6.0

Erika Willis

ewillis@epri.com

3002019682

P51 – T&D Environmental Issues



Mineral Oil Spill Estimation Software – Multiphase (MOSES-MP) v5.0 Beta

Lea Millet

lmillet@epri.com

3002027599

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



EMFast v1.5.1

Phung Tran

ptran@epri.com

3002022505



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

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ptran@epri.com

3002024850