

Transmission Network Model Management

Resources for Improving Network Analysis Data Management



EPRI Reports (available at www.epri.com)

Network Model Manager Technical Market Requirements

(Product ID 3002003053)

Overview of consolidated model management tool requirements.

- Useful to utilities in understanding and internally promoting standards-based, consolidated network model and case management
- Helpful to vendors in gaining an enterprise-wide view of required NMM functionality and an understanding of the universality and potential of demand for NMM tools

No Cost to Public

Using the Common Information Model for Network Analysis Data Management:

A CIM Primer Series Guide

(Product ID 3002002587)

An introduction to the use of the Common Information Model (CIM) for efficient handling of information required by network analysis applications. Written for power system engineering professionals who use, support or manage any form of power system network analysis.

No Cost to Public

Network Model Manager and Repository: A Guide to Exploring the Potential of Centralized Network Model Management

(Product ID 3002000609)

Do-it-yourself guide for utility interested in exploring its existing network model information practices and envisioning how a consolidated network model management approach might be utilized to improve modeling process efficiency and accuracy.

No Cost to Public

EPRI Supplemental Project

Integrated Network Model Management

(SPN 1025576)



Of value to any utility considering undertaking network model management improvement, this deep-dive supplemental project brings together participating utility personnel from Operations, Planning, Protection and IT to investigate utility network analysis application data needs and to propose new approaches to consolidated network model maintenance at the utility. The project furthers industry understanding of consolidated network model management and helps refine the Common Information Model (CIM) standard.

For more information contact Sean Crimmins scrimmins@epri.com.

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Recordings Available – FREE

CIMug Technical Webinars

The CIM and Network Model Management: The ERCOT Story

Hour-long webcast by John Moseley on the ERCOT Network Model Management System (NMMS), implemented in 2009 as part of the Texas Nodal Market. The NMMS provides network model information to the ERCOT Energy Management System, Market System and planning tool suite.

3-Part Training Series on CIM and Network Analysis

Webcast #1 – Basic Power System Modeling

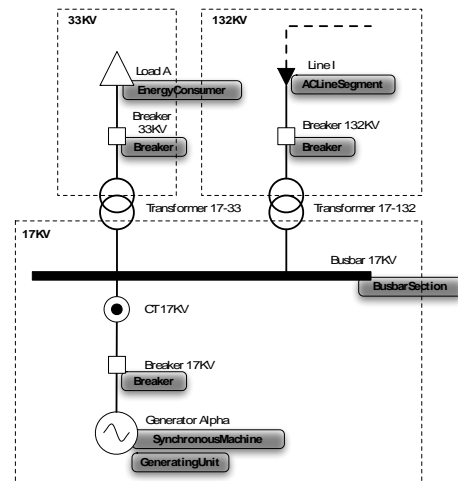
Jay Britton (Britton Consulting) and Alan McMorran (Open Grid Systems) present an introduction to CIM and network modeling, including the foundational equipment and connectivity profiles.

Webcast #2 – Advanced Power System Modeling

Chuck DuBose (Project Consultants, formerly with Siemens PTI) continues exploration of equipment modeling in the CIM, addressing more complex equipment and models, including transformers, HVDC, short circuit, dynamics and unbalanced representation.

Webcast #3 – Support for Power Analysis

Lars-Ola Osterlund (formerly with Ventyx-ABB) covers power flow analysis case inputs and outputs, focusing on the steady state hypothesis, topology and state variable profiles



To access recordings of any past webcast (on [UCAIug YouTube Channel](#)), visit the CIMug website (www.cimug.org) and follow the [CIMug Webinars](#) link under FEATURED LINKS.

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