

The Enterprising Architect

Enterprise Architecture & Integration Highlights

Helping utilities increase their agility in responding to a rapidly changing external environment



Enterprise Architect Task Force Meeting

The EPRI Enterprise Architecture Task Force meeting, hosted by Arizona Public Service, will be held April 14th and 15th at the APS headquarters in Phoenix. This meeting is open to anyone in the electric power utility industry interested in Enterprise Architecture. We will be joined by key speaker Mark Romito, Director of Customer to Grid Solutions, who will be speaking on Customer Technology.

Watch your inbox for the official invitation coming soon.

[Learn More](#)

NERC CIP Data in the Cloud

Our colleagues in Cyber Security (P183) have created two reports on NERC CIP data in the cloud. These are part of the Technology Innovation program so are available publicly. We'd love to get your feedback on the reports and how we can fill any additional gaps.

[Managing Cloud Storage and BES Cyber System Information](#)

[Secure Cloud Reference Architecture for Real-Time Utility-Based Applications](#)



IEC Working Groups at California ISO

Pat Brown, Gerald Gray, and Sean Crimmins are attending IEC Working Group 13/14/16 and 19 meetings at California ISO this week and working with experts from around the globe to help develop standards for the IEC Common Information Model (CIM).

Thanks to the California ISO for hosting the latest face to face meetings in Folsom, CA!



Distribution GIS & Grid Model Data Management Project

A Utility Collaborative Defining and Industry Information Architecture

Effective management of geospatial and grid model data is one of the major challenges facing electric distribution utilities today. Siloed software systems create fractured data storage, duplicated data entry, one-off point-to-point interfaces, and convoluted business processes. Utilities struggle with incorrect or



missing geographic information system (GIS) data, difficult-to-maintain grid models, and information that is out-of-sync with the field. Negative impacts include:

[Read More](#)

GMDM January 2020 Update

EPRI's collaborative Grid Model Data Management (GMDM) initiatives are developing an information architecture for distribution network model data management. The architecture can serve as a guide for distribution utilities around the world in deploying interoperable, product-based solutions that facilitate effective, enterprise-wide management of network model data.

[Read More](#)



GMDM Vendor Forum

An EPRI-Sponsored Vendor-Funded Collaborative Initiative

EPRI's Distribution GIS & Grid Model Data Management (GMDM) project is defining functional capabilities for managing network models. To support future success of this effort, EPRI wants to engage vendors of distribution domain software products that supply, manage or consume grid model data in the conversation.

[Read More](#)



2020 Grid Model Data Management Update DistribuTECH Mega-session

It was standing room only when Pat Brown and Randy Rhodes presented a Mega panel discussion at DistribuTECH 2020. The presentation entitled *A Distribution Grid Model Data Management Architecture for the Electric Industry* focused on work being done by EPRI to define an information architecture that enables utilities and their vendors to implement effective management of network models across the electric distribution enterprise. They were joined on stage by Dawn Jurgensmeier of Salt River Project and Flynt Jones of Duke Energy.

[Read More](#)



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