



CIGRE Academy Webinar

Session 1 | November 5, 2020
12:00PM–2:00PM ET

Session 2 | November 12, 2020
12:00PM–2:00PM ET

[Register Here](#)

Description

The OpenFMB Interoperability Framework standard was ratified in 2016 by the North American Energy Standards Board [NAESB]. Today, the Utility Communications Architecture International Users Group [UCAIUG] maintains the user's group and is the Interoperability Testing Certification Authority. These two hour sessions provide both an overview of the standard and industry participation, as well as technical application.

Instructors and Panelists:

John Camilleri
PSC

Dr. Stuart Laval
Duke Energy

Larry Lackey
Open Energy Solutions Inc. [OES]

FREE for CIGRE U.S. National Committee Members

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CIGRE Academy Webinar | Virtual Tutorial

Enabling Distributed Intelligence with the Open Field Message Bus (OpenFMB) Framework

Session 1 | OpenFMB 101: Introduction of the Standard, Business Drivers, and Industry Landscape

The OpenFMB Interoperability Framework has numerous benefits when federating operational grid-edge data in the field and enables new ways of addressing present and future challenges at utilities. This interactive session introduces the fundamental details of the OpenFMB standard, evolving grid-edge business drivers, and the key ecosystem players. Attendees will hear from utilities, vendors, and other active OpenFMB users group members on their experience.

Attendees of this session will learn about the:

- Fundamentals of OpenFMB Standard and Architecture
- Business drivers for Distributed Intelligence and Data Federation at the Grid-Edge
- OpenFMB Adoption and Industry Landscape
- Relevance of Open-Source

Session 2 | OpenFMB Implementation Approach: Current Developments and Technology Stack

This session is intended for technologists on the details of OpenFMB. During the session, attendees will review use cases, platform independent data models, and adapters. There will be discussions on lessons learned, best practices and limitations. In addition, we will review the concepts of system management and cyber security controls.

Attendees of this session will learn about the:

- Key Enabling Technologies for OpenFMB
- Messaging and data model extensibility of the framework
- Use-cases that leverage Distributed Intelligence
- Cybersecurity enhancements inherent to OpenFMB
- Roadmap of Distributed Applications

