Education Support

2024 **2025** **2026**

Education Related Activities

- Industry workshops on compelling current topics

- Training courses address member needs for staff updating, on-boarding and deeper treatment of workshop topics (members)

- User discussion forum (website) (members)

- Custom courses and technical support and assistance (members)

- Technical bulletins, Application notes and Guides (members)

- Conference papers, presentations and training courses

DNP-UG provides a valuable service to the industry by providing DNP-UG training, workshops and our User Forum. Custom SME support can also assist vendors help utilities stay current with new features, changes and trends.

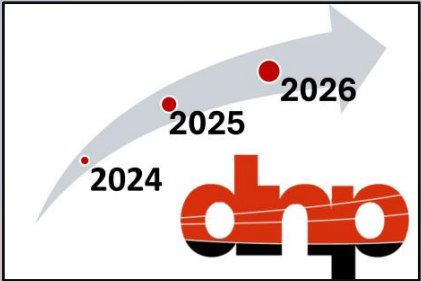# Training and Workshops (Current and Planned)

- **Member Training (on-line)**
  - IEEE 1815 Update
  - OT Cybersecurity – theory and practice
  - IEEE 1815.2 Overview
  - SAv5, SAv6, AMP Updates
  - 1815.1 – Mapping to IEC 61850
  - Development Updates
  - Fundamentals of DNP3
  - Advanced topics for DNP3
  - Using the DNP3 Device Profile
  - SCADA fundamentals
  - SCADA advanced topics
  - Troubleshooting
  - Lessons Learned

- **Industry Workshops (on-line)**
  - DER Communications – Comparing Protocol Options
  - OT Cybersecurity – Industry Trends
  - Test and Certification for DER Communications
  - Industry trends
  - Cybersecurity for DER Communications
  - Migrating from DNP3 to IEC 61850
  - DER communications Overview
  - OT Cybersecurity overview

Trends in Technologies for OT Cybersecurity
Identifying and Addressing Gaps with Conventional/Common Cybersecurity Methods

Thursday, October 31, 2024, 3:00 - 4:30 PM ET
No Charge Workshop

Recording

Panel Chair:
John D. McDonald, P.E.,
Founder & CEO of JDM Associates, LLC

Matthew Rogers, PhD,
Cybersecurity Expert,
DHS, CISA

Virginia Wright,
CIE Program Manager,
Idaho National Laboratory,

Ben Sooter,
Program Manager,
Cyber Security,
EPRI

Frances Cleveland,
Principal Consultant,
Xanthus Consulting Int'l
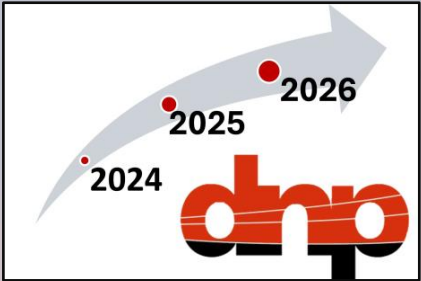
Grant Gilchrist, P.Eng,
Systems Engineer, Tesco
Founding Member, TC, CSTF
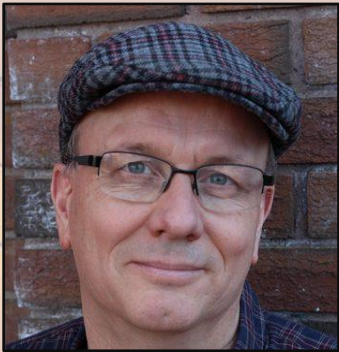
Notes

Details

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Operational Technology (OT) Cybersecurity, Key Insights

Walking Through Best Practice Requirements for Utility OT Cybersecurity

Tuesday, January 28, 2025, 3:00 - 4:30 PM ET
Member-Only Training
Session will be recorded and posted for later viewing

Session Chair:
John D. McDonald, P.E.,
Founder & CEO of JDM Associates, LLC

Instructor:
Grant Gilchrist, P.Eng,
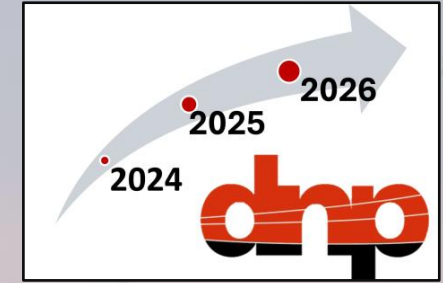Systems Engineer, Tesco
Founding Member, DNP-UG TC, CSTF

Recording

Available to Our Members - Contact membership@dnp.org and on Our Website Soon

Notes

Available to Our Members - Contact membership@dnp.org and on Our Website Soon

Details

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Operational Technology (OT) Cybersecurity, Key Insights – Part II (Continuation of Part I on January 28, 2025)

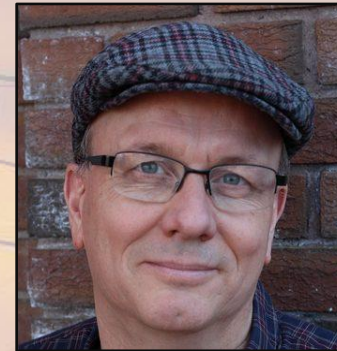**Walking Through Best Practice Requirements for Utility OT Cybersecurity**

Tuesday, June 17, 2025, 3:00 - 4:30 PM ET
Member-Only Training
Session will be recorded and posted for later viewing

Session Chair:
John D. McDonald, P.E.,
Founder & CEO of JDM Associates, LLC

Instructor:
Grant Gilchrist, P.Eng,
Systems Engineer, Tesco
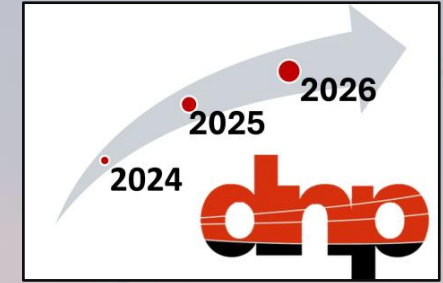**Founding Member, DNP-UG TC, CSTF**

Recording

Will be Available Shortly for our Members
- Contact membership@dnp.org

Details

Notes

Will be Available Shortly, for our Members
- Contact membership@dnp.org
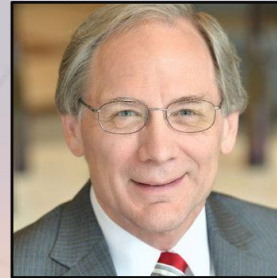
IEEE P1815.2^{TM} (DNP3) vs IEEE Std 2030.5^{TM} vs SunSpec Modbus – Friends or Foes?"

Distributed Energy Resource (DER) Communications for the Energy Transition

Tuesday, June 24, 2025, 3:00 - 4:30 PM ET
No Charge Workshop

Recording

Panel Chair:
John D. McDonald, P.E.,
Founder & CEO of JDM Associates, LLC

Ben Ealey,
Principal Team Lead,
EPRI

Frances Cleveland,
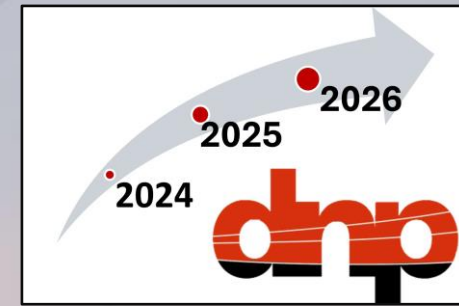**Principal Consultant,**
Xanthus Consulting Int'l

Robby Simpson, Ph.D. ,
Principal and Co-Founder,
Enetrics

Bob Fox,
Principal and Co-Founder,
Enetrics

Slides

Details

DER Cybersecurity Implications: IEEE P1815.2™ (DNP3) vs IEEE Std 2030.5™ vs SunSpec Modbus – Friends or Foes?
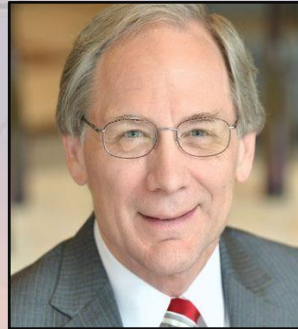
DER Communications Cybersecurity for the Energy Transition

Tuesday, November 18, 2025, 3:30 - 5:00 PM ET

Plus: Optional 30 minutes for open Q&A

No Charge Workshop

Register

2024   2025   2026

**Panel Chair:
John D. McDonald, P.E.,
Founder & CEO of JDM Associates, LLC**

**Ben Ealey,
Principal Team Lead,
EPRI**

**Grant Gilchrist, P.Eng,
Systems Engineer, Tesco
Founding Member, DNP-UG TC, CSTF**

**Robby Simpson, Ph.D. ,
Principal and Co-Founder,
Enetrics**

**Tylor Slay,
Electrical Engineer,
PNNL**

Details