



PROGRAM SITE

VIDEOS

EVENTS

2023 ARP

LINKS

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## June 2023 Newsletter

### Future EPRI Events

- September 11-14, 2023: [Fall 2023 PDU Advisory](#)
- November 7-9, 2023: (Save the Date) Digital Substation Workshop
- December 5-6, 2023: (Save the Date) Cyber Security Tech Transfer Workshop
- March 25-28, 2024: (Save the Date) Winter 2024 ICCS Advisory

### Upcoming July P183 Webcasts

- Tuesday, July 18, 2023 - 2:00-3:30pm ET
  - Cyber Security Program 2024 Rollout ([WebEx Link](#))
- Tuesday, July 25, 2023 - 3:00-4:00pm ET
  - Cyber Security Program Supplemental Launch ([WebEx Link](#))

### Completed P183 Webcasts & Events

- June 13-14: Birds of a Feather Workshop
  - [Meeting Materials](#)
- June 29: EPRI Cyber Security Program P183 Mid-Year Update
  - [Meeting Materials](#)

For more information regarding webcasts, please contact [Tristen DeAngelo-Hicks](#), ICCS Administrative Assistant.

## New Program Information

### Cybersecurity Platform and Certification Framework Development for Extreme Fast Charging (XFC) Integrated Charging Ecosystem

**Product ID:** [3002027649](#)

The electric vehicle (EV) charging infrastructure in the United States is a patchwork of networks that have grown organically and have been designed to serve the changing needs of EV owners, the customers. In doing so, each network provider and its connected entities have designed systems that might work well individually, but no single entity is responsible for the entire ecosystem being secure in terms of data exchange. Furthermore, there is no uniformity in how each actor has implemented the cybersecurity requirements because there have been no systemwide requirements.

The focus of this report is cybersecurity of the extreme fast charging (XFC) ecosystem (defined as 200 kW or above). The report summarizes a pioneering effort in EV charging infrastructure ecosystem cybersecurity requirements, assessment methodologies, and functional verification. It is also a repository of information on the technologies, hardware, and software available to the public.

### 2022-2023 Area Review: Information, Communication and Cyber Security

**Product ID:** [3002026076](#)

The 2022-23 Area Review: Information, Communication and Cyber Security is intended to help members stay informed of the past year's research activities and identify valuable results that can be applied to impact day-to-day operations. This Area Review summarizes research results and produces highlights of some of the key successes in 2022 and communicates 2023 plans for each membership project.

## Fall 2023 PDU Advisory & Sector Council Meetings

- **When:** September 11-14, 2023
- **Where:** Indianapolis, Indiana
- **Attendees:** Funders, Members, and others.

### Schedule Summary

**Area and Program Advisory Meetings:** Monday, September 11th - Wednesday, September 13th

**Sector Council Meetings:** Wednesday, September 13th - Thursday, September 14th

Held twice a year, the objectives of the Power Delivery & Utilization Advisory & Sector Council meetings are to finalize program-level research plans for the current and coming

year, discuss new research initiatives, highlight important areas of industry collaboration, discuss industry events and emerging issues, and determine EPRI's R&D role in addressing these industry issues.

### [Information and Registration](#)

## Save the Date

### ***P183 Cyber Security Tech Transfer Workshop***

December 5-6, 2023 - Knoxville, TN

### ***Winter 2024 ED&CS Transmission & ICCS Advisory***

March 25-28, 2024 - Atlanta, GA

## EPRI Cyber Security News

### **Transmission & Distribution Task Force News**

#### ***Save the Date - 2023 Digital Substation Workshop***

The date for the 2023 annual **Digital Substation Workshop** will be **November 7-9, 2023**. Southern Company has offered to host the event at one of their facilities in Birmingham, AL. This cross-program event is jointly hosted with the Substation Protection Task Force to bring together experts from multiple disciplines to discuss next-generation substation technologies and explore appropriate security strategies. If you are willing to share any lessons learned or would like to use the group to receive feedback on existing plans, please reach out to [John Stewart](#) or [Christine Hertzog](#).

#### ***Authorization Management Protocol***

In past years EPRI has organized interoperability plug fests and demonstrations focused on securing the DNP3 protocol by integrating authentication capabilities into standards and vendor implementations. With over 90% of North American utilities relying on DNP for critical SCADA applications, the lack of native security capabilities is a high priority item for everyone in the industry. To accelerate development and future adoption of solutions, EPRI has partnered with Salt River Project, the DNP User Group, and leading vendors to develop the next generation of DNP-Secure Authentication and a companion protocol for key management called Authorization Management Protocol or AMP. If other utilities are interested in collaboration with the team, please email [John Stewart](#) for more information.

## ***EPRI Cyber Security Procurement Methodology Revision 2 Training***

**Date:** August 8-9, 2023

**Location:** WebEx

**PDH:** 10.5 hours

Revision 2 of the EPRI Cyber Security Procurement Methodology introduced a supply chain model to establish common understanding among all parties in the supply chain and integrated the EPRI Technical Assessment Methodology (TAM) guidance to assist in the development of target asset and supply chain integrity cyber security requirements. This course provides a solid understanding of the methodology as well as gives practical exercises and templates to assist the user in becoming proficient with the overall process. The course consists of lecture and various dynamic learning activities to enhance understanding of the material. [More Information](#).

**Registration Deadline:** July 25, 2023

[Register](#)

## ***EPRI Digital Worker Conference***

**Date:** October 10-12, 2023

**Location:** EPRI Charlotte, NC Office

The EPRI Digital Worker Conference is a multi-day event providing updates on the state-of-the-industry on emerging technologies and applications that enhance performance, safety and quality of work for utility field and plant workers that cut across all EPRI research from generation to the delivery of electricity. Example technologies and applications include digital twins, augmented reality, virtual reality drones, robotics, artificial intelligence along with digital worker strategies to advance the use and application of solutions that are most beneficial. Participants will gain first-hand knowledge of real and emerging digital worker technologies and applications that may be deployed today as well as how to get involved in EPRI research on emerging solutions across all sectors. [More information](#).

[Register](#)

## **Electric Sector Events**

### [Distributed Energy Conference](#)

Aug 14-17, 2023 - Savannah, GA

## [T&D World Live](#)

Sept 12-14, 2023 - Sacramento, CA

## [Critical Infrastructure Protection & Resilience Europe](#)

October 3-5, 2023 - Prague, Czech Republic



### Program Site

[Overview](#)

[Projects](#)

[Supplemental Projects](#)

[2023 ARP](#) - Public

[2023 ARP](#) - Membership

### Advisor Engagement

[Events](#)

[Training Courses](#)

[Announcements](#)

[Links](#)

### Other Information

[CS Roadmap for 2030](#)

[2023 ICCS Quick Guide](#)

[P183 at a Glance](#)

[P183 Videos](#)

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