

October 2024

Dear ICT Program Advisors and Stakeholders,

In case you weren't at our Advisory meeting last month in Los Angeles, you may not have heard that Sean Crimmins has been promoted as the new ICT Program Manager, please join me in congratulating Sean on this well-deserved opportunity and I think we will all appreciate the fresh energy and innovation he will bring to the program!

Here is the [link to the Advisory meeting materials](#) if you would like to review and download them. The overall theme was regarding the cross-cutting and strategic benefits of Information and Communication Technology. A few of my take-aways:

- SCE perspective on LTE & 5G – A balanced approach to take advantage of “low hanging fruit” opportunities while managing costs of private networks.
- LADWP approach to standardize GIS across their organization to accelerate innovation and business efficiencies.
- KEPCO innovations in Meter Data Management Systems to improve both customer value and operational efficiencies for the distribution system for their over 20 million customers.
- The force-multiplier effects of combining Enterprise Architecture, DER Integration and Advanced Metering systems when strategically orchestrated. This was A joint Session with the Distributions Operations Program – many emerging opportunities.

And, finally, I'd like to highlight four new supplemental projects we just launched:

- [**Nationwide Resilient Communications System**](#)
 - Defining Nationwide Communication Requirements to Recover from a Black Sky Event (Jay Herman, jherman@epri.com)
- [**Assessment of the Matter Protocol for Utility Applications**](#)
 - Assessment of the Matter Protocol, Products & Interoperability for Utility Use Cases (Ben Ealey, bealey@epri.com)
- [**Assessment of DER Ready Meter Forms**](#)
 - Evaluating Emerging Meter Socket Forms (43S) and Emerging Use Cases for DER, EVs and More. (Daniel Quarells, dquarells@epri.com)
- [**EPRI U for Information, Communication and Cyber Security**](#)
 - Foundational ICCS Training for early career or new-in-role staff (Greg Drewry, gdrewry@epri.com)

These projects are available to join now and remember, if you want to commit to use your 2024 funding, you need to commit by **November 8th**, so please contact the associated project manager for more information.

Sincerely,



Matt Wakefield
Director, ICCS & ICT Program Manager



ICT Emerging Technologies and Technology Transfer (161A)

Project Set Manager: Sean Crimmins

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Upcoming 2024 "3rd Thursday" of the Month - Emerging Technology Webcasts:

- November 21 - P161H - Geospatial Informatics
- **December 12*** - P161 End of Year Review

*** Change to the "2nd Thursday" due to conflicts**

[Go Here](#) for all past "3rd Thursday" and ICT Program Meetings & Webcast recordings and materials.

2024 Research Results

Here is a handy link to all the [ICT Program Research Results](#) and here are some recent deliverables from the last month:

- [Telecommunication Standards Guidebook V6 2024](#)
 - [Meter Socket Adapters for DER Devices](#)
 - [Power System Telecommunications Reliability – An Analytical Deconstruction](#)
 - [A DER Dilemma: Achieving Coexistence of Interoperability and Cyber Security](#)
 - [Elevating Geospatial Insights: A Case Study on the Strategic Implementation of 3D Geospatial Design](#)
 - [Application Portfolio Management with Business Capabilities](#)
 - [Integrating Distributed Energy Resources via Utility Advanced Metering Infrastructure \(AMI\): Three Required Integrations for Success and Common Challenges Experienced by Utilities](#)
 - [IoT Technologies for Distributed Energy Resources – 2024 Guidebook](#)
 - [2024 EPRI Utility Business Capability Model for BCM Phase II](#)
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DER Data and Connectivity (161D)
Project Set Manager - Ben Ealey
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Enterprise Architecture & Integration (161E)
Project Set Manager: Sean Crimmins
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Advanced Metering Systems (161F)
Project Set Manager: Edward J. Beroset
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Telecommunications (161G)
Project Set Manager: Tim Godfrey
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Geospatial Informatics (161H)
Project Set Manager: Kevin Gorham
[**kgorham@epri.com**](mailto:kgorham@epri.com)

Supplemental Project Notification

[AI/EPRI Supplemental: AI for the Modern Energy Company](#)
[Applied Grid Model Data Management \(GMDM\) for Distribution](#)
[Applied Grid Model Data Management \(GMDM\) for Transmission](#)
[Assessing the Use of Voice Assistants for Industry](#)
[Assessment of DER-Ready Meter Forms](#)
[Assessment of the Matter Protocol for Utility Applications](#)
[Business Capability-Based Investment Optimization \(BCM Phase II\)](#)
[Data Management Collaborative: Surviving the Data Avalanche](#)
[Enhanced Surveillance Over Wireless](#)
[Enterprise Architecture Maturity Assessment](#)
[EPRI U - Information, Communication Technology & Cyber Security \(ICCS\)](#)
[Evaluation and Economic Feasibility Analysis of Commercial DER Gateways](#)
[Evaluation of Automated GIS Data Cleanup Methods](#)
[Field Asset Unique Identification System](#)
[FLEXIT: Flexible Interoperable Technologies Initiative: VPP/DER Registry and Integration Interface](#)
[Grid Model Data Management \(GMDM\) Vendor Forum Phase II: An EPRI-Sponsored Vendor-Funded Collaborative Initiative](#)
[Grid Model Manager \(GMM\) for Distribution Interest Group](#)
[Grid Modernization Strategic Roadmapping](#)
[Nationwide Resilient Communications System \(NRCS\): Phase 1: Requirements Definition and Design Specification](#)
[Next Generation Metering – Distributed Intelligence](#)
[Next Generation Wireless Local Area Network \(WLAN\)](#)
[Renewables Communications: Use Cases, Communications Technologies, and Implementation Considerations](#)
[Utility Digital Worker Collaborative](#)



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Other Information

[2024 ICCS Quick Reference Guide](#)

[2024 Webcast Schedule](#)

[ICT Roadmap](#)

[2024 ICT Area Review](#)

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