

# Observations, Feedback, & Next Steps

## GMLC 1.2.2 Interoperability

**Steve Widergren, Pacific Northwest National Laboratory**

11 May 2017

GMLC Interoperability Technical Review Meeting

AEP Ohio, Gahanna, OH

# Observations and Feedback

## ► Interoperability strategic vision

- How can the vision > measure > roadmap strategy be improved?
- Concerning integration ecosystems and trial candidates other comments or suggestions?
- How can we better engage participants in the work?

## ► Measuring Interoperability and the IMM

- Is a maturity model a reasonable approach for measuring interoperability and articulating gaps/challenges?
- How can the IMM approach be improved?

## ► Interoperability roadmap methodology

- Does the roadmap methodology offer an effective process to engage stakeholders to advance interoperability?
- How can it be improved?

# Next Steps

- ▶ **June, July 2017:** socialize an interoperability strategic vision document with vision scenarios and interoperability goals/requirements

*Impact – align stakeholder community on vision for integration*

- Transactive Energy Systems Conference, Portland, OR, 13-15 June
- SEPA Grid Evolution Summit, Washington, DC, 25-28 July

- ▶ **September 2017:** complete an interoperability roadmap methodology with an interoperability assessment tool and trial in a technology domain (e.g., electric vehicle or automated buildings domains)

*Impact – demonstrate interop measurement and path forward*

- ▶ **March 2018:** complete draft of interoperability procurement tools with industry stakeholders participation

*Impact – incentives for industry participation to advance interop*

- ▶ **March 2018:** identify where commonality across technology domains can reduce the uniqueness in the number of DER interface agreements (standards) by 50%

*Impact – set course for standards convergence*



# A Sincere Thank You to



**AMERICAN<sup>®</sup>**  
**ELECTRIC**  
**POWER**