



PNNL/WSU Advanced Grid Institute (AGI) ESIC REP Update



Jeff Dagle, Co-Director
PNNL



Noel Schulz, Co-Director
WSU

October 5, 2022





AGI Industry Day – August 31, 2022

AGI Industry Day 2022 Agenda

8:30–9:30 am	Registration and Continental Breakfast Networking
9:30–10:15 am	Welcome Session Welcome AGI Industry Day 2022 Jeff Dagle and Noel Schulz, AGI Co-Directors Welcome to WSU Tri-Cities Sandra Haynes, Chancellor, WSU Tri-Cities WSU's Perspective on Joint Institutes Chris Keane, WSU Vice President for Research Welcome from PNNL Steve Ashby, Laboratory Director, PNNL PNNL's Perspective on Joint Institutes Tony Peurrung, Deputy Director for Science and Technology, PNNL How AGI Supports Electricity Infrastructure Objectives Carl Imhoff, Manager, Electric Infrastructure Market, PNNL
10:15–11:00 am	Commissioners Keynote Panel David Danner Chair, Washington Utilities and Transportation Commission Ann Rendahl Commissioner, Washington Utilities and Transportation Commission Megan Decker Chair, Oregon Public Utilities Commission
11:00–11:15 am	Morning Break
11:15 am–12:15 pm	WA Clean Energy Projects Panel Moderator: Michael Furze Assistant Director, Washington State Department of Commerce Jared Knode Energy and Professional Services Manager, Energy Northwest Armando Berdiel Technical Development and Project Manager for Building Electrification team, Seattle City Light Robert Smallwood System Engineer, OPALCO Bryce Eschenbacher Senior Electric Transportation Engineer, Avista
12:15–1:15 pm	Networking Lunch and Poster Session
1:15–2:45 pm	Additional Industry Projects and Perspectives Panel John Gibson Chief R&D Engineer, Avista Jess Kincaid Director of Technology Innovation, Bonneville Power Administration Scott Corwin Executive Director, Northwest Public Power Association Larry Bekkedahl Senior Vice President, Portland General Electric Nick Peretti Substation electrical engineer, Snohomish County PUD Gregory C. Zweigle Fellow Engineer, Schweitzer Engineering Laboratories
2:45–3:00 pm	Afternoon Break
3:00–3:15 pm	Challenges Facing the Energy Infrastructure in the Pacific Northwest Jeff Dagle Chief Electrical Engineering, PNNL and AGI Co-Director
3:15–3:30 pm	Open Discussion, Wrap Up, and Next Steps Moderators: Jeff Dagle and Noel Schulz
4:00–5:30 pm	Reception and Tours of Wine Science Center WSU Wine Science Center, 59 University Drive, Richland, WA 99354

- On WSU Tri-Cities Campus
- Attendance
 - 70 in person – Great Networking!
 - 100 on-line
 - 76 different organizations
 - 14 utilities
 - 17 universities from six countries
 - Representatives from
 - DOE
 - EEI
 - State of WA
 - Staffers for Cantwell, Murray, and McMorris Rodgers
- First discussions on PNW Energy Infrastructure Challenges
- Video recordings available on website below
- Planning Annual Event

<https://natlab.wsu.edu/grid/august-2022-agi-industry-day/>



- Quarterly E-Newsletter continues
 - Sign up here
<https://natlab.wsu.edu/grid/news-letters/>
- Social Media –
 - Twitter
https://twitter.com/advanced_grid
 - LinkedIn
<https://www.linkedin.com/company/79120688/admin/>
- AGI Blog
<https://natlab.wsu.edu/grid/blog/>

AGI Communications



What is a smart grid?



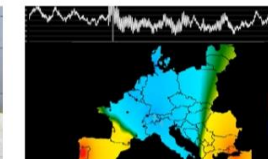
Going green: How AGI is changing the power grid



Dr. Anamika Dubey Granted Joint WSU-PNNL Appointment



AGI Researchers Meet in Richland for Strategy meeting



Lifetime of research helps with a lifeline for Ukraine



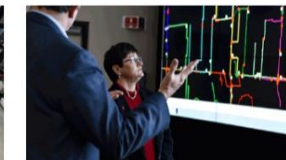
WSU Promotes AGI Professor



PNNL Grid Experts Discuss Opportunities of Infrastructure Bill



Cybersecurity Concerns - From Pacific Northwest to Ukraine



AGI Co-Director, Noel Schulz, Interviewed in Hack the Plant Podcast



AGI Day Date Announced



Thank you for your support
of AGI!

Advanced Grid Institute
<https://natlab.wsu.edu/grid/>

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