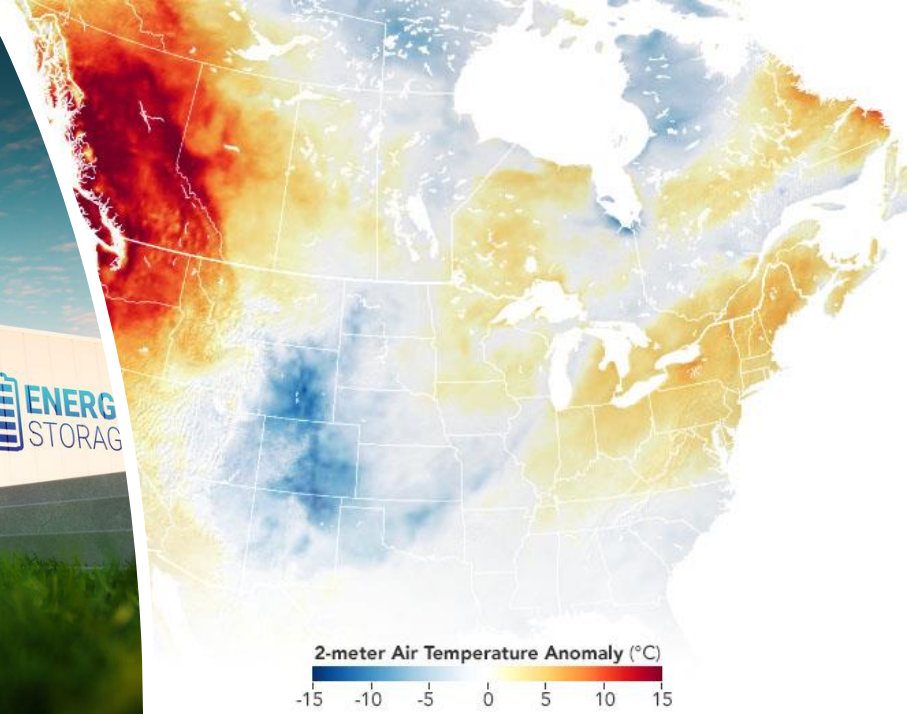


# Making A Resilient Northwest Grid

Northwest Energy Systems Symposium 2024



# Logistics

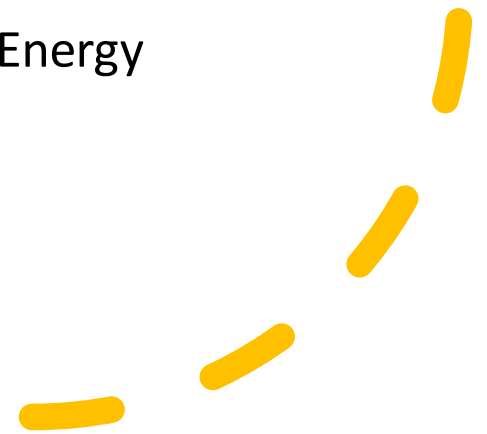
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- Safety
  - Evacuate 50 feet from the building
  - Who will call 911?
  - Who is first aid trained?
  - Who will stand by for first responder?
  - Location of First Aid and AED
- WIFI
  - UW NetID: event0379
  - Password: b4N2-q4Q6-e7N6



Organizing  
Team - 2024  
Roles and  
Responsibilities

|                                   |   |
|-----------------------------------|---|
| <b>Chair</b>                      | John Nierenberg - Tacoma Power  |
| <b>Vice Chair</b>                 | Amy Grice - Penn Light  |
| <b>Secretary</b>                  | Haley Coutts - Seattle City Light   |
| <b>Treasurer</b>                  | Rich Meier - Electric Power Systems                                       |
| <b>Website</b>                    | Dan Kirschen - Professor with University of Washington                    |
| <b>Registration</b>               | Max Emrick - Retired (PSE, TPWR)  |
| <b>Facilities</b>                 | Jessi Navarre / Cole Collin - Events University of Washington             |
| <b>Advertising</b>                | Daniel Luu - Snohomish County PUD   |
| <b>Announcements and Brochure</b> | Sohom Datta - Pacific National Northwest Laboratories                     |
| <b>Speaker Coordinator</b>        | Yaochiem Chao - Puget Sound Energy  |
| <b>Members at Large:</b>          | Paul Munz – Retired,<br>Seema Ghosh - Tacoma Power,<br>Greg Huebner - BPA |



# Day 1 – First Half



| Start   | End     | Presentation   | Speaker   |
|---------|---------|--|---|
| 8 : 00  | 8 : 15  | Opening Remarks  | NWESS Chair – John Nierenberg<br>(Tacoma Power) |
| 8 : 15  | 8 : 45  | Audience Introductions<br>Who are you, what are you interested in? |   |
| 8 : 45  | 9 : 45  | <b>Keynote:</b> It is in our Power, Waiting for the<br>Green Light | Siobhan Doherty<br>(Seattle City Light)         |
| 9 : 45  | 10 : 30 | Energy Equity & Energy Justice                                     | Ahlmahz Negash<br>(Tacoma Power)                |
| 10 : 30 | 10 : 45 | <b>BREAK</b>   |   |
| 10 : 45 | 11 : 20 | Understanding the organized markets in<br>the West                 | Dan Williams (TEA)                              |
| 11 : 20 | 12 : 00 | How do the Markets impact reliability                              | Cuong Nguyen (PSE)                              |
| 12 : 00 | 1 : 00  | <b>LUNCH</b>   |   |

# Day 1 – Second Half



| Start  | End    | Presentation  | Speaker  |
|--------|--------|---|--|
| 1 : 00 | 1 : 45 | Energy Storage – Development of electrochemical to storage (fuel cells) | Diane Baldwin (PNNL)   |
| 1 : 45 | 2 : 30 | Virtual Power Plant   | Franco Albi<br>(Portland General Electric)                                     |
| 2 : 30 | 2 : 45 | <b>BREAK</b>  |  |
| 2 : 45 | 3 : 30 | Overview of 25 MW Battery Storage                                       | Scott Gibson, Alex Chorey, Jessica Spahr, Zack Scott<br>(Snohomish County PUD) |
| 3 : 30 | 4 : 00 | Technical considerations of 25 MW Battery Storage                       | Scott Gibson, Alex Chorey, Jessica Spahr, Zack Scott<br>(Snohomish County PUD) |

# Day 2 – First Half



| Start   | End     | Presentation  | Speaker   |
|---------|---------|---|---|
| 8 : 00  | 8 : 45  | Discussion on Maps  | Amy Grice (PenLight)  |
| 8 : 45  | 9 : 30  | Public Power Safety Shutoff and Preparing for Wildfire Conditions | Darin Johnson<br>International Wildfires Risk Mitigation Consortium (IWR&C) |
| 9 : 30  | 10 : 00 | <b>BREAK</b>  |   |
| 10 : 00 | 10 : 45 | Security (Substation)   | Sofia WeirPierin (E-ISAC),<br>Rob Siefken (Safe Guards 3)                   |
| 10 : 45 | 11 : 30 | The Future of P&C of Inverter-Dominated Systems                   | Brad Heilman (SEL)  |
| 11 : 30 | 12 : 00 | Grid Mod strategy across PSE                                      | Reid Shibata (PSE)  |

# Day 2 – Second Half



| <b>Start</b> | <b>End</b> | <b>Presentation</b>  | <b>Speaker</b>               |
|--------------|------------|--|------------------------------|
| 12 : 00      | 1 : 00     | <b>LUNCH</b>   |                              |
| 1 : 00       | 1 : 45     | Western Resource Adequacy Program  | Ryan Roy (Western Powerpool) |
| 2 : 00       | 2 : 45     | Transmission – The development, operation and use of dynamic line ratings. | Gage Marek (BPA)             |
| 2 : 45       | 3 : 30     | Electrification in Sub Saharan Africa                                      | June Lukuyu (UW)             |
| <b>END</b>   |            |  |                              |



Join NWESS the Organizing Committee for 2026

Contact John Nierenberg at [jnierenb@cityoftacoma.org](mailto:jnierenb@cityoftacoma.org) or LinkedIn.