



# Reliability Risk Committee DEEMSF Update

February 29, 2024

Steve Ashbaker, Reliability  
Initiatives Director WECC

# Data Exchange Energy Management System Forum

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- DEEMSFS met on February 8, 2024
  - Discussed the WON Administration and Legacy Documents
    - Created a task force to address WON Administration and Legacy Documents
  - Roundtable discussion on FERC Order 881 (AAR)
  - RRC Reliability Risk Register update
- Topics for next meeting
  - EMS upgrades/vendor change—processes, contracts, CIP impact, re-certifications, lessons learned
  - Intelligent Alarm processing

# WON Administration & Document Task Force

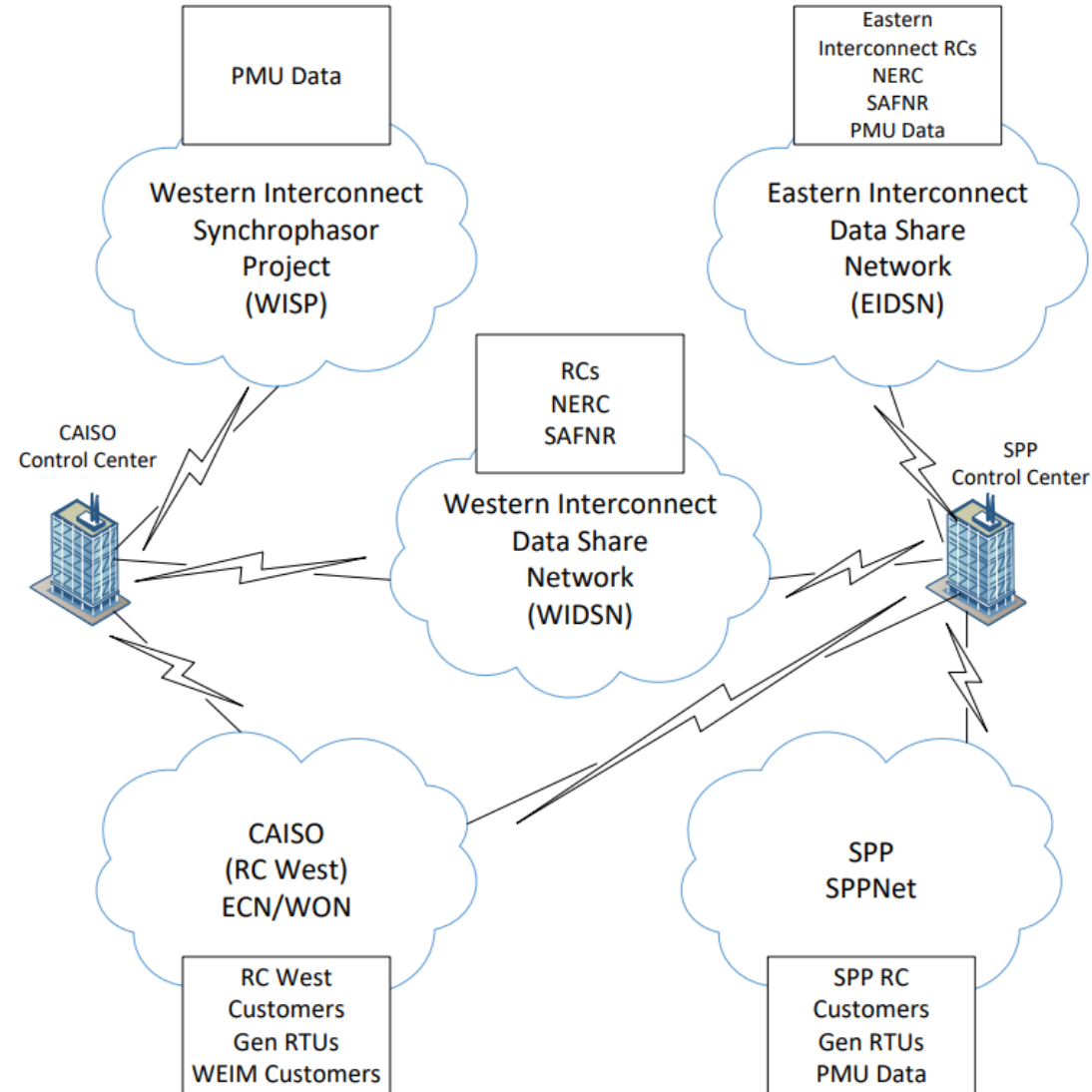
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- Robert Melis – CAISO – DEEMSF Chair
- David Petersen – SPP
- Tracy Van Slyke – EPE
- Stacen McCollum, BPA

# WECC Operating Network (WON)

- The WON was established to facilitate the exchange of operational data between Reliability Coordinators (RC), Transmission Operators (TOP), Balancing Authorities (BA), and other member utilities. This network is a collection of connected entities that communicate over the WON to exchange power system-related data. This data includes analog values (e.g., bus voltages, line flows, generator outputs) and status information (e.g., circuit breaker statuses, switch statuses).
- Access to the WON is granted only to members of WECC that have a reliability responsibility to the WECC interconnected electrical system that requires access to currently approved, real-time power system data and have executed the WECC Operations Network Connection and Data Use Agreement

# WECC Data Sharing Network



# WON Documents

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- WON Security Guideline
- Guideline for WECC Operations Network Node: Responsibilities and Procedures
- WON Connection and Data Use Agreement

# WON Documents

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- WON Security Guideline
  - Security Responsibilities
  - Approved Protocols and Applications
  - WON Perimeter Security Policy
  - Wireless Technology (prohibited)
  - Authentication

# WON Documents

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- Guideline for WECC Operations Network Node: Responsibilities and Procedures
  - Security Responsibilities
  - Data Handling
    - Data Source Considerations
    - Data Requests
    - Data Access Restrictions
    - Data Naming Conventions
    - Quality Codes
    - Change Management and Coordination
    - Testing and data checkout



# WON Documents

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- Guideline for WECC Operations Network Node: Responsibilities and Procedures
  - Node Outages
  - Performance Requirements
  - Redundancy Recommendations
  - Documentation Recommendations
  - Trouble Response
  - Dispute Resolution

# WON Documents

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- WON Connection and Data Use Agreement
  - Requirements for WON Connection
  - Applicant information
  - Approval

# WON Legacy Document Tasks

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- WON Security Guideline
  - Eliminate the WON Security Guideline
    - Network Security addressed through NERC Reliability Standards (CIP-012)
- Guideline for WECC Operations Network Node: Responsibilities and Procedures
  - Update and determine ownership
- WON Connection and Data Use Agreement
  - Update and determine ownership
  - Determine WON Connection approval process



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