



# RRC Steering Committee WON Documents

December 11, 2023

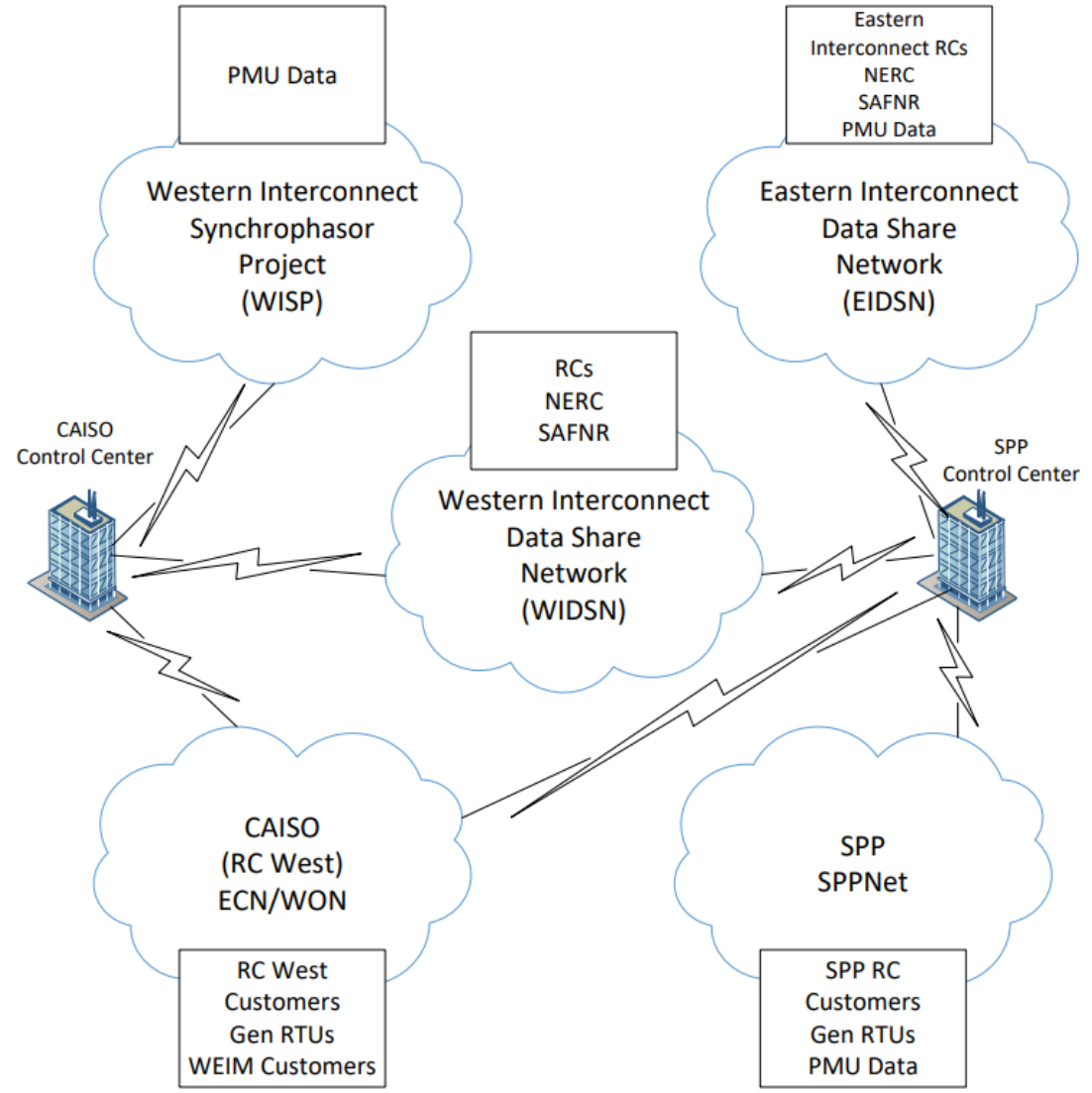
Steve Ashbaker, WECC  
Robert Melis, DEEMSF Chair,  
CAISO

# WECC Operating Network (WON)

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- 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 to facilitate exchanging power system reliability data. 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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- WON Security Guideline
  - Virus Scanning or Application Whitelisting
  - Operating System Support
  - Information Exchange
  - Banners
  - Physical Security

# 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



Electric Reliability and Security for the West

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[www.wecc.org](http://www.wecc.org)