



**WECC**

# Short Circuit Modeling Work Group (SCMWG) Update to SRS

August 8, 2022

Amos Ang  
Senior Power System Planner  
Chair of SCMWG

# Overview of Last Meetings

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- Meetings 2021 & 2022
  - April 2021 (with Relay Work Group)
  - October 2021
  - March 2022
  - August 2022 (upcoming)
- Presentations:
  - Differences between power flow and sequence data base cases
  - Conversion issues between CAPE and OneLiner
  - Mis-operations of relays in IBR rich areas
  - Need for High and Low IBR generation SCD cases
  - SCD Reduction Issues



# Overview of Last Meetings (cont.)

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- Presentations:
  - Renewable Generation Modeling (changes)
    - Aspen OneLiner
    - Electrocon CAPE
  - Industry gap for modeling IBRs
  - IBR conversion between OneLiner & CAPE
  - Need for building a WECC SCD wide case



# Motivation

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- NERC Compliance
  - MOD-032
  - PRC-027
- Generation Interconnection (Breaker Ratings)
- Relay Mis-operations



# Action Items

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- Build WECC SCD “Skeleton” Case
- Test CIM for Aspen OneLiner & Electrocon CAPE
- Work on documentation for building cases (SUPR)
- Solicit more support





WECC

Electric Reliability and Security for the West

## Contact:

Amos Ang

Senior Power Systems Planner

[Amos.Ang@sce.com](mailto:Amos.Ang@sce.com)

