



WECC

Short Circuit Modeling Work Group (SCMWG) Update to SRS

November 18, 2020

Amos Ang
Senior Power System Planner
Chair of SCMWG

Overview of Last Meeting

- Met on Nov 2-3, 2020
- Presentations:
 - Protection Relay Mis-operation in renewable rich area
 - Business case to create low and high short circuit cases
 - Reiterate presentation regarding difference between short circuit and power flow cases
 - Error found when equivalizing networks with inverter-based resources
- Discussions:
 - Inverter-based Resources Modeling
 - EPRI presentation for IEEE C24 paper
 - CAPE modeling efforts
 - SCE / Power Engineering modeling efforts
 - Building WECC wide short circuit cases
 - Updates on the Network Sequence Data Common Format
 - Schedule working meetings for Short-Circuit User Preparation Resource (SUPR)
 - Relay Work Group Joint Meeting Topics



Action Items

- Consolidate white paper for modeling inverter-based resources into the SUPR
- Set up schedule for getting the SUPR rough draft by the end of 2021
- Meeting with Relay Work Group to “compare notes” and to get more participation





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Electric Reliability and Security for the West

Contact:

Amos Ang

Senior Power Systems Planner

Amos.ang@sce.com

