



Short-circuit Modeling Work Group
DRAFT Meeting Minutes
April 19, 2023
Virtual

1. Welcome, Call to Order

Amos Ang, Short-circuit Modeling Work Group, (SCMWG) Chair, called the meeting to order at 1:05 p.m. MT on April 19, 2023. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Tyson Niemann, Reliability Modeling Staff Engineer, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Ang introduced the proposed meeting agenda.

By consensus, the SCMWG approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Amos introduced the minutes from the meeting on August 17–18, 2022.

On a motion by David Beach, the SCMWG approved the minutes from August 17–18, 2022.

5. Review Previous Action Items

Nicole Lee, Administrative Coordinator, reviewed action items carried over from the SCMWG meeting on August 17–18, 2022. Action items that are not closed and will be carried forward can be found [here](#).

6. Charter

Mr. Niemann presented the SCMWG Charter. It was in an old template version. The SCMWG was notified that it will be updated to the correct charter template.

On a motion by Jen Ferris, the SCMWG approved the charter.

The charter is posted on the WECC website.



7. CIM Import/Export in CAPE

Yazid Alkraimeen, Sandro Aquiles, and Daryl Coleman from Siemens gave a demonstration using Common Information Model (CIM) imports and exports using CAPE. CAPE addressed questions and encouraged the SCMWG to reach out to them if further questions are encountered. Mr. Amos will follow up with CAPE to schedule a CIM roundtrip.

8. CIM Import/Export in ASPEN

Thanh Nguyen, ASPEN, presented CIM imports and exports using ASPEN. Mr. Nguyen addressed questions and encouraged the SCMWG to contact him with questions. Mr. Amos will follow up with ASPEN to schedule a CIM roundtrip.

9. SC IBR Modeling Progress Status

Mr. Ang presented the status for the short-circuit inverter-based resource (IBR) modeling. The presentation is posted on the WECC website.

10. Public Comment

Mr. Niemann gave an update on 2023 changes in the grid strength assessment. Mr. Niemann is working with several stakeholders and looking at several utilities doing a comparison on short-term ratios and the impact they can have. There is an open invitation for anyone to join. Mr. Niemann will report the results to the SCMWG.

11. Review New Action Items

- CIM Round trip with ASPEN and CAPE
 - Assigned To: Jennifer Ferris, Tyson Niemann, and Amos Ang
 - Due Date: August 1, 20203

12. Upcoming Meetings

TBD..... Virtual

13. Adjourn

Ms. Ferris adjourned the meeting without objection at 3:47 p.m.



Exhibit A: Attendance List

Members in Attendance

Amos Ang..... Southern California Edison Company
Daniel Cervantes..... Los Angeles Department of Water and Power
Jennifer Ferris.....Bonneville Power Administration—Transmission
Donald Loftis.....Colorado Springs Utilities
Tyson Niemann.....WECC
Amanuel Selassie..... Los Angeles Department of Water and Power
Chifong Thomas Thomas Grid Advisor
Jerod Vandehey..... Public Utility District No. 1 of Cowlitz County
Su Su Win ThuSalt River Project
Andy ZhouPacifiCorp

Members not in Attendance

Eric BakieIdaho Power Company
Dennis Chesnakov.....Public Utility District No. 2 of Grant County
Jim Ding..... British Columbia Hydro and Power Authority
Alex Fratkin.....NV Energy
Henry Hadjor..... Cooper Compliance Cooperation
Jessica Harris..... North American Electric Reliability Corporation
Allison Hidalgo..... U.S. Bureau of Reclamation
Scott Hillis.....PacifiCorp
Saw Linn..... Los Angeles Department of Water and Power
Sandy Liu..... San Diego Gas and Electric
Hongtao Ma.....North American Electric Reliability Corporation
Mehrdad Majidi..... San Diego Gas and Electric
Bill Middaugh..... Tri-State Generation and Transmission—Reliability
Erik Olson.....Puget Sound Energy, Inc.
Mohamed Osman.....North American Electric Reliability Corporation



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Kollin Patten..... PowerWorld Corporation
Mark Pigman..... Tacoma Power
Kenny Poon British Columbia Hydro and Power Authority
Daniel Ramirez..... Energy Strategies
Yujie Song Puget Sound Energy, Inc.
Jonathan Stahlhut TransCo Energy, LLC
Khanh Thai Tacoma Power
Louis Vigil..... El Paso Electric Company
Chong Wang.....Iowa State University
Jianhui Wang.....Southern Methodist University
Zhaoyu Wang.....Iowa State University
Jeffery Watkins.....NV Energy
Josh Wells..... Tucson Electric Power
David Wiley..... Arizona Public Service Company
Dongbo Zhao..... Argonne National Laboratory
Chuanjiang (Chelsea) Zhu..... National Grid USA Service Company, Inc.

Others in Attendance

Yazid Akraimeen Siemens
Sandro Aquiles Perez..... Siemens
David Beach..... Portland General Electric
Daryl Coleman Siemens
Nathan DuhiggBonneville Power Administration—Transmission
Nicole LeeWECC
James MacPherson.....Avantus
Thanh Nguyen ASPEN
Adam Zellhoefer.....Bonneville Power Administration—Transmission

