

1. Welcome, Call to Order

Philip Augustin, Studies Subcommittee (StS) Chair, called the meeting to order at 10:00 a.m. on March 23, 2022 MT. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Mr. Jensen, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Augustin introduced the proposed meeting agenda.

On a motion by Peter Mackin, the StS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Augustin introduced the minutes from the meeting on March 2, 2022.

On a motion by Peter Mackin, the StS approved the minutes from March 2, 2022.

5. Review Previous Action Items

Mr. Augustin reviewed action items carried over from the StS meeting on March 2, 2022. Action items that are not closed and will be carried forward can be found [here](#).

6. Feedback addressed—Extreme Natural Events (ENE)

Bhavana Katyal, Senior System Adequacy Engineer, presented a red-line version of The Extreme Natural Event Study Report. Minor edits were made by WECC's technical review department.

The red-line report is posted to the [WECC website](#).

7. Approval Items

Quorum was not met to approve items. The Extreme Natural Events Study Report will be presented for approval during the next StS meeting.

The report is posted to the [WECC website](#).

8. Public Comment

Mr. Augustin held a discussion about in-person meetings, and when they will resume. WECC has not officially announced a date for in-person meetings yet. The earliest it might be is May 2022. They are opening their office for staff on April 4, 2022.

9. Review New Action Items

There were no new action items created during this meeting.

10. Upcoming Meetings

April 26-27, 2022 Virtual*

July 12-13, 2022 Virtual*

November 1-2, 2022 Virtual*

**Meeting may be virtual due to the COVID-19 pandemic.*

11. Adjourn

Mr. Augustin adjourned the meeting without objection at 10:44 a.m.



Exhibit A: Attendance List

Members in Attendance

Philip Augustin.....Salt River Project
Scott Beyer.....Western Power Pool (formerly Northwest Power Pool Corporation)
Desmond Chan.....Seattle City Light
Ken Che.....Public Utility District No. 1 of Snohomish County
Chris Gilden.....Tri-State Generation and Transmission—Reliability
Jeff Hanson.....Colorado Springs Utilities
Scott Harding.....Black Hills Corporation
Jon Jensen.....WECC
Todd Lichtas.....Tucson Electric Power
Peter Mackin.....GridBright, Inc.
Rikin Shah.....PacifiCorp
Chifong Thomas.....Thomas Grid Advisor
Janice Zewe.....Sacramento Municipal Utility District

Members not in Attendance

Nayeem Mohammad Abdullah.....Metropolitan Water District of Southern California
Robby Anderst.....Puget Sound Energy, Inc.
Waseem Arif.....FortisBC, Inc.
Eric Bahr.....NorthWestern Energy
Aseem Bhatia.....California Department of Water Resources
Ben Brownlee.....Energy Strategies
Ron Calvert.....Utility System Efficiencies, Inc.
Shawn Carlson.....Basin Electric Power Cooperative
Thomas Carr.....Western Interstate Energy Board
David Cathcart.....Bonneville Power Administration—Transmission
Tom Christensen.....Basin Electric Power Cooperative
Patrick Corrigan.....Public Service Company of Colorado (Xcel Energy)



Thomas Duane Public Service Company of New Mexico
Jonathon Flores..... Los Angeles Department of Water and Power
Thomas Flynn..... California Energy Commission
Alex Fratkin..... NV Energy
Jennifer Galaway Portland General Electric Company
William Gibson..... Hetch Hetchy Water and Power
Laurie Hammack..... Seattle City Light
Kody Heppner..... Turlock Irrigation District
Fred Heutte NW Energy Coalition
Bryant Hicks..... Salt River Project
Bill Hosie..... PSI Power System Innovation Corp.
Robert Jackson..... Burns & McDonnell
Lesley Kayser-Sprouse..... Hetch Hetchy Water and Power
Christopher Kulink..... Portland General Electric Company
David Le..... California Independent System Operator
May Le..... Public Utility District No. 2 of Grant County
John Liang..... Public Utility District No. 1 of Snohomish County
Chelsea Loomis..... Western Power Pool (formerly Northwest Power Pool Corporation)
Richard Maguire..... Public Utility District No. 2 of Grant County
Daniel McGuire Salt River Project
Pete Mensonides..... Turlock Irrigation District
Patrick MontPlaisir Western Area Power Administration
Valeriy Jr. Oleshko..... Western Area Power Administration
Mark Pigman..... Tacoma Power
Bradley Postovoit..... Southern California Edison Company
Eepsita Priye..... Puget Sound Energy, Inc.
Ebrahim Rahimi..... California Independent System Operator
Dipendra Rai..... British Columbia Hydro and Power Authority



Daniel Ramirez..... Energy Strategies
Karen Reedy..... Public Service Company of New Mexico
Faranak Sarbaz..... Los Angeles Department of Water and Power
Erik Schellenberg..... Idaho Power Company
Masoud Shafa..... California Department of Water Resources
Amy Sopinka..... British Columbia Hydro and Power Authority
April Spacek..... Avista Corporation
Jan Strack San Diego Gas and Electric
Spencer Tacke..... Auriga Corporation
Angela Tanghetti..... California Energy Commission
Khanh Thai..... Tacoma Power
David Tovar El Paso Electric Company
Patrick Truong..... Sacramento Municipal Utility District
Louis Vigil..... El Paso Electric Company
Yu (David) Wang..... San Diego Gas and Electric
Curtis Westhoff Idaho Power Company
Di Xiao Southern California Edison Company
Xiaofei (Sophie) Xu Pacific Gas and Electric Company
Dennis Yegorov PacifiCorp
Kevin Zhang..... British Columbia Hydro and Power Authority
Wenjuan (Wendy) Zhang..... Pacific Gas and Electric Company

Others in Attendance

Hasson Baklou..... San Diego Gas and Electric
Alexis Cortez..... Transmission Agency of Norther California
Alex Ford NV Energy
Mensur Haskovic..... Western Area Power Administration
Jonathan Hayes..... Southwest Power Pool
Bhavana Katyal..... WECC



Nicole Lee	WECC
Nima Mira.....	Seattle City Light
Kirha Quick.....	WECC
Doug Tucker.....	WECC
Byron Woertz	WECC
Jonathan Young.....	Bonneville Power Administration
Janice Zewe	Sacramento Municipal Utility District

