

1. Welcome, Call to Order

Thomas Carr, Studies Subcommittee (StS) Chair, called the meeting to order at 1:00 p.m. MT on February 1, 2024. A quorum was present to conduct business. A list of attendees is attached as Exhibit A.

2. Review WECC Antitrust Policy

Matt Zapotocky, Senior Reliability Assessment Engineer, read aloud the WECC Antitrust Policy statement. The meeting agenda included a link to the posted policy.

3. Approve Agenda

Mr. Carr introduced the proposed meeting agenda.

On a motion by David Le, the StS approved the agenda.

4. Review and Approve Previous Meeting Minutes

Mr. Carr introduced the minutes from the meeting on October 16, 2023.

On a motion by Chifong Thomas, the StS approved the minutes from October 16, 2023.

5. Review Previous Action Items

Nicole Lee, Senior Administrative Coordinator, reviewed action items carried over from the StS meeting on October 16, 2023. Action items that are not closed and will be carried forward can be found [here](#).

6. DER Transmission Impact Study

John Muhs, Energy Strategies (EST), presented their study conducted and was commissioned by Energy Systems Integration Group (ESIG). It examines the relationship between solar distributed energy resources (DER) and transmission investment. PLEXOS were used and the Anchor Data Set (ADS) was key to building the model.

The presentation is posted on the [WECC website](#).

7. Public Comment

No comments were made.

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8. Review New Action Items

There were no new action items created during this meeting.

9. Upcoming Meetings

February 22, 2024..... Virtual

March 20, 2024..... Virtual

10. Adjourn

Mr. Carr adjourned the meeting without objection at 2:56 p.m.



Exhibit A: Attendance List

Members in Attendance

Brenna AndrewsNorthWestern Energy
Vinson Banh Alberta Department of Energy
Ron Calvert..... Utility System Efficiencies, Inc.
Thomas Carr..... Western Interstate Energy Board
Tuan Dang Public Utility District No. 1 of Snohomish County
Chris Gilden Tri-State Generation and Transmission—Reliability
Talal Hanna San Diego Gas and Electric
Jeff Hanson Colorado Springs Utilities
David Le.....California Independent System Operator
Jake Maxfield.....PacifiCorp
Mitchell Miller.....NorthWestern Energy
Eepsita Priye..... Puget Sound Energy, Inc.
Erik Schellenberg.....Idaho Power Company
Tim Schiermeyer.....Transmission Agency of Northern California
Angela Tanghetti California Energy Commission
Chifong Thomas Thomas Grid Advisor
Jameson Thornton Burns & McDonnell (1898 and Co.)
Cole Youngers.....Avista Corporation
Hayk Zargaryan..... Southern California Edison Company
Quinten Ziegler.....Transmission Agency of Northern California

Members not in Attendance

Nayeem Mohammad Abdullah..... Metropolitan Water District of Southern California
Robby Anderst Puget Sound Energy, Inc.
Waseem Arif..... FortisBC, Inc.
Ian Beil.....Portland General Electric Company
Scott BeyerWestern Power Pool



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Aseem Bhatia.....California Department of Water Resources
Shawn Carlson Basin Electric Power Cooperative
David Cathcart.....Bonneville Power Administration—Transmission
Desmond Chan Seattle City Light
Ken Che..... Public Utility District No. 1 of Snohomish County
Patrick Corrigan.....Public Service Company of Colorado (Xcel Energy)
Thomas DuanePublic Service Company of New Mexico
Jonathon Flores Los Angeles Department of Water and Power
Thomas Flynn..... California Energy Commission
Alex FratkinNV Energy
Fred Heutte..... NW Energy Coalition
Bryant Hicks.....Salt River Project
Bill Hosie..... PSI Power System Innovation Corp.
Robert Jackson..... Burns & McDonnell (1898 and Co.)
Daniel Johnson Jr.Black Hills Corporation
Lesley Kayser-Sprouse..... Hetch Hetchy Water and Power
Michael KorhonenWestern Area Power Administration
Christopher Kulink.....Portland General Electric Company
May Le.....Public Utility District No. 2 of Grant County
Todd Lichtas..... Tucson Electric Power
Chelsea LoomisWestern Power Pool
Peter Mackin..... GridBright, Inc.
Richard MaguirePublic Utility District No. 2 of Grant County
Daniel McGuire.....Salt River Project
Christopher McLean..... California Energy Commission
Pete Mensonides Turlock Irrigation District
Patrick MontPlaisirWestern Area Power Administration
Valeriy Jr. Oleshko.....Western Area Power Administration



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Michael Pokallus..... Western Area Power Administration
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
Benjamin Rodriguez..... El Paso Electric Company
Katie Rogers WECC
Faranak Sarbaz..... Los Angeles Department of Water and Power
Amanda Sargent WECC
Masoud Shafa..... California Department of Water Resources
Hari Singh..... Public Service Company of Colorado (Xcel Energy)
Alejandro Solis El Paso Electric Company
Jan Strack San Diego Gas and Electric
Spencer Tacke..... Auriga Corporation
Khanh Thai Tacoma Power
David Tovar..... El Paso Electric Company
Patrick Truong Sacramento Municipal Utility District
Dhayanes Velusamy Burns & McDonnell (1898 and Co.)
Jeremy Webber..... FortisBC, Inc.
Curtis Westhoff..... Idaho Power Company
Di Xiao..... Southern California Edison Company
Xiaofei (Sophie) Xu..... Pacific Gas and Electric Company
Dennis Yegorov..... PacifiCorp
Janice Zewe..... Sacramento Municipal Utility District
Kevin Zhang..... British Columbia Hydro and Power Authority
Wenjuan (Wendy) Zhang Pacific Gas and Electric Company

Others in Attendance

Josh Anish..... Guidehouse



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Hassan Baklou..... San Diego Gas and Electric
Christopher CorralTSGT
Rai DipendraBC Hydro
David Frederick Zglobal
Mensur Haskovic..... Western Area Power Administration
Jon Jensen.....WECC
Nicole LeeWECC
Debbie Lew Energy Systems Integration Group
Greg Macdonald Puget Sound Energy, Inc.
Nima Miri Seattle City Light
John Muhs..... Energy Strategies
Alex Palomino Energy Strategies
Kirha QuickWECC
Anthony RendonSalt River Project
Kellen RomberoWECC
Trevor SchultzIdaho Power Company
Doug Tucker.....WECC
Rashid WarsameBonneville Power Administration—Transmission
Matt ZapotockyWECC
Quinten Ziegler..... Guidhouse

