

# **Board Energy Resources & Customer Services Committee Meeting and Special SMUD Board of Directors Meeting**

Date: Wednesday, May 18, 2022

Time: Scheduled to begin at 5:30 p.m.

Location: Virtual Meeting (online)

Powering forward. Together.



# AGENDA

## BOARD ENERGY RESOURCES & CUSTOMER SERVICES COMMITTEE MEETING AND SPECIAL SMUD BOARD OF DIRECTORS MEETING

Wednesday, May 18, 2022

Scheduled to begin at 5:30 p.m.

Zoom Webinar Link: [Join Board Energy Resources & Customer Services  
Committee Meeting Here](#)

Webinar/Meeting ID: 161 253 2016

Passcode: 490720

Phone Dial-in Number: 1-669-254-5252 or 1-833-568-8864 (Toll Free)

Pursuant to Government Code section 54953(e) and the Emergency Board Meeting Procedures adopted by the SMUD Board of Directors, the regular Board meeting and other public meetings are currently conducted solely via virtual (online/teleconference) meeting to align with state, local, and federal guidelines for the containment of the coronavirus.

Live video streams and indexed archives of meetings are available at:

[http://smud.granicus.com/ViewPublisher.php?view\\_id=16](http://smud.granicus.com/ViewPublisher.php?view_id=16)

Members of the public may register to provide verbal comments at an upcoming Board or Committee meeting by emailing a request to speak to [PublicComment@smud.org](mailto:PublicComment@smud.org). Please include the date of the meeting, name, and topic or agenda item the requestor wishes to speak on. The request may also be submitted while the meeting is in progress during the standard time for the agenda item or topic. **Pre-registration is strongly encouraged by no later than 3:00 p.m. on the day of the meeting.**

Members of the public may provide written public comments on a specific agenda item or on items not on the agenda (general public comment) by submitting comments via e-mail. Comments may be submitted to [PublicComment@smud.org](mailto:PublicComment@smud.org) and will be placed into the record of the meeting.

Members of the public that are listening to or watching the live stream of a Committee meeting and wish to submit written comments on a specific agenda item as it is being heard may submit their comments, limited to 250 words or less, to [PublicComment@smud.org](mailto:PublicComment@smud.org), noting the agenda item number in the subject line. The Committee Chair may read comments for items on the agenda into the record, in his discretion, based upon such factors as the length of the agenda or the number of e-mail comments received. General public comment for items not on the agenda will not be read into the record but will be provided to the Board and placed into the record of the Board meeting if it is received within two hours after the meeting ends.

This Committee meeting is noticed as a joint meeting with the Board of Directors for the purpose of compliance with the Brown Act. In order to preserve the function of the Committee as advisory to the Board, members of the Board may attend and participate in the discussions, but no Board action will be taken. The Energy Resources & Customer Services Committee will review, discuss and provide the Committee's recommendation on the following:





# BOARD AGENDA ITEM STAFFING SUMMARY SHEET

Committee Meeting & Date  
Energy Resources &  
Customer Services  
Committee Meeting - May  
18, 2022

Board Meeting Date  
N/A

	TO		TO
1.	Mark Willis	6.	Frankie McDermott
2.	Russell Mills	7.	Brandy Bolden
3.	Bryan Swann	8.	
4.	Suresh Kotha	9.	<b>Legal</b>
5.	Lora Anguay	10.	<b>CEO &amp; General Manager</b>

<b>Consent Calendar</b>		<b>Yes</b>	X	<i>No If no, schedule a dry run presentation.</i>	<b>Budgeted</b>		<b>Yes</b>	X	<i>No (If no, explain in Cost/Budgeted section.)</i>
FROM (IPR)				DEPARTMENT			MAIL STOP	EXT.	DATE SENT
Jon Olson				Energy Trading & Contracts			A404	7378	5/5/2022

**NARRATIVE:**

**Requested Action:** Provide the Board presentations by external and internal experts regarding Resource Adequacy and Summer 2022 readiness followed by a panel discussion on the topic.

**Summary:** Presenters from SMUD and executives from California Independent System Operator (CAISO) and United States Bureau of Reclamation (USBR) will provide an overview on Summer 2022 readiness, resource outlooks for the near and mid-term and water conditions in Northern California. Content and discussion will include the Western Energy Imbalance Market (EIM) and related western energy markets.

**Board Policy:** Reliability (SD-4), Competitive Rates (SD-2), Resource Planning (SD-9).  
*(Number & Title)*

**Benefits:** The presentation will inform the Committee on regional Sumer 2022 readiness as well as the associated resource and hydro outlooks.

**Cost/Budgeted:** This informational item has no direct budgetary impact.

**Alternatives:** Provide information to the Board via written report.

**Affected Parties:** Grid Strategy and Operations, Finance, Legal

**Coordination:** Energy Trading & Contracts

**Presenters & Panel Participants:** Mark Rothleder, Senior Vice President and Chief Operating Officer, California Independent System Operator  
Kristin White, Operations Manager, California Great Basin Region of the Bureau of Reclamation's Central Valley Operations Office  
Jon Olson, Director of Energy Trading & Contracts, SMUD

**Additional Links:**

SUBJECT Presentations on Resource Adequacy and Summer 2022 Readiness  
Followed by Panel Discussion

ITEM NO. (FOR LEGAL USE ONLY)

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.

**Mark Rothleder***Senior Vice President and Chief Operating Officer*

Mark Rothleder is the Senior Vice President and Chief Operating Officer at the California Independent System Operator, leading a cross-functional team including policy, planning, operations and technology. Before being named to his current position, he served as the Vice President of Market Policy and Performance. Mr. Rothleder's previous positions included Executive Director of Market Analysis and Development, and Principal Market Developer and Director of Market Operations. As a member of the original ISO start-up team in 1997, he is now the longest serving ISO employee.

In spring 2009, Mr. Rothleder led a multifunctional team in designing and implementing market rules and software modifications related to the ISO's Market Redesign and Technology Upgrade (MRTU). Since joining the ISO twenty-four years ago, Mark has worked extensively on implementing and integrating the approved market rules for California's competitive wholesale energy and reserves markets.

Mr. Rothleder is a registered Professional Electrical Engineer in the state of California and holds a B.S. degree in Electrical Engineering from the California State University, Sacramento. He has taken post-graduate coursework in Power System Engineering from Santa Clara University and earned an M.S. in Information Systems from the University of Phoenix. Prior to joining the ISO, Mr. Rothleder worked for eight years in the electric transmission department of Pacific Gas and Electric Company, where his responsibilities included operations engineering, and transmission planning and substation design.



## **Kristin White**

### **California Great Basin Region of the Bureau of Reclamation's Central Valley Operations Office Operations Manager**

Kristin White is the Operations Manager for the California Great Basin Region of the Bureau of Reclamation's Central Valley Operations Office. The CVP is one of Reclamation's best-known projects, and is the largest and most complicated irrigation project in the nation. The CVP provides irrigation water to more than 3 million acres of farm land; urban water for more than 3 million people; industrial water for several key economic areas in California such as the Silicon Valley; environmental water to meet wildlife needs and fishery restoration; and also generates some 4.8 - 5.6 billion kilowatt hours of electricity annually. In addition the CVP provides major flood protection along the Sacramento, American, Stanislaus, and San Joaquin Rivers.

Operating the CVP requires delicately balancing the often conflicting needs of agriculture, cities, fish, wildlife, tribal communities, and recreational users, all of whom depend upon the reliability of this system in order to survive. The functions of the Central Valley Operations Office include the coordinated system operations with the State Water Project; operations forecasting; water supply allocations; flood management operations; control and scheduling of power generation; design, maintenance, and security of the CVACS supervisory control and data acquisition system; and review of maintenance of power and pumping facilities.

Kristin began her career with Reclamation in 2010 as a hydrologist in the Klamath Basin Area Office in Klamath Falls, Oregon. Kristin transferred to Sacramento in 2011 where she served various roles supporting water supply planning efforts for the Central Valley Project before moving to the Central Valley Operations office in 2017. Prior to joining Reclamation, Kristin worked as a consultant in Virginia and Texas focusing mainly in flood control modeling, planning and design.

Kristin holds a Bachelor of Science degree in Civil Engineering from Florida Institute of Technology and a Master of Engineering degree in Civil Engineering with an emphasis in Water Resources from the University of Houston. Kristin and her husband Edward live in Sacramento where they enjoy hiking, running and camping all around beautiful California whenever they get free time.







SSS No.  
BOD 2021-025

# BOARD AGENDA ITEM

## STAFFING SUMMARY SHEET

Committee Meeting & Date 2022
Board Meeting Date N/A

TO	TO
1. Frankie McDermott	6.
2. Brandy Bolden	7.
3. Lora Anguay	8.
4. Suresh Kotha	9. <b>Legal</b>
5.	10. <b>CEO &amp; General Manager</b>

Consent Calendar		Yes	x	No <i>If no, schedule a dry run presentation.</i>	Budgeted		Yes	No <i>(If no, explain in Cost/Budgeted section.)</i>
FROM (IPR) Gregg Fishman / Donna Lofton				DEPARTMENT Board Office				MAIL STOP B307    EXT. 5079    DATE SENT 12/21/2021

**NARRATIVE:**

**Requested Action:** A summary of directives provided to staff during the committee meeting.

**Summary:** The Board requested an on-going opportunity to do a wrap up period at the end of each committee meeting to summarize various Board member suggestions and requests that were made at the meeting in an effort to make clear the will of the Board. The Policy Committee Chair will summarize Board member requests that come out of the committee presentations for this meeting.

**Board Policy:** GP-4 Agenda Planning states the Board will focus on the results the Board wants the organization to achieve.  
*(Number & Title)*

**Benefits:** Having an agendaized opportunity to summarize the Board's requests and suggestions that arise during the committee meeting will help clarify what the will of the Board.

**Cost/Budgeted:** N/A

**Alternatives:** Not summarize the Board's requests at this meeting.

**Affected Parties:** Board of Directors and Executive Staff

**Coordination:** Donna Lofton, Special Assistant to the Board

**Presenter:** Gregg Fishman, ERCS Committee Chair

**Additional Links:**

SUBJECT Summary Of Committee Direction	ITEM NO. <i>(FOR LEGAL USE ONLY)</i>
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