

Board Strategic Development Committee Meeting and Special Board of Directors Meeting

Date: Tuesday, January 26, 2021
Time: Scheduled to begin at 5:30 p.m.
Location: Virtual Meeting, Online

AGENDA

BOARD STRATEGIC DEVELOPMENT COMMITTEE MEETING AND SPECIAL SMUD BOARD OF DIRECTORS MEETING

Tuesday, January 26, 2021

Scheduled to begin at 5:30 p.m.

Zoom Webinar Link: [Join SMUD Strategic Development Committee Meeting Here](#)

Webinar ID: 160 298 8188

Password: 446860

Phone Dial-in Number: 1-669-254-5252

In accordance with the Governor's Executive Order N-29-20 and the Emergency Board Meeting Procedures adopted by the SMUD Board of Directors, the regular Board meeting and other public meetings are closed to the public to align with state, local, and federal guidelines and social distancing recommendations 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

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. 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 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 comment on a specific agenda item as it is being heard may submit their comments, limited to 250 words or less, to 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 her 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 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 Policy Committee will review, discuss and provide the Committee's recommendation on the following:

INFORMATIONAL ITEMS

1. Scott Martin

Provide the Board a brief overview and introduction to external Industry Experts for panel discussion on **Distributed Energy Resources (DERs) and the Edge of the Grid.**

Janet Gail Besser,
Managing Director
SMART ELECTRIC POWER
ALLIANCE (SEPA)

Introduction to panelist presentations and agenda for the second of three Industry Expert panels.

Beth Reid,
Chief Executive Officer
OLIVINE

Provide presentation, **Opportunities in Aggregating Distributed Energy Resources (DERs).**

Michael Norbeck,
Director, Grid Services
Business Development,
SUNRUN

Provide presentation, **Solar + Storage for Resilience and Grid Services.**

Don Wingate,
Vice President, Microgrid
Solutions and Strategic
Partners
SCHNEIDER ELECTRIC

Provide presentation, **Microgrids.**

Richard Brown,
Research Scientist, Building
Technologies and Urban
Systems Division
LAWRENCE BERKELEY
NATIONAL LABORATORY
(LBNL)

Provide presentation, **Commercial Buildings and Demand Flexibility.**

Moderated Panel Discussion on **Distributed Energy Resources (DERs) and the Edge of the Grid.**

Moderator:

Janet Gail Besser, Managing Director
SMART ELECTRIC POWER ALLIANCE (SEPA)

Panel Participants:

Beth Reid, CEO
OLIVINE

Michael Norbeck, Director, Grid Services Business
Development
SUNRUN

INFORMATIONAL ITEMS (cont.)

Don Wingate, Vice President, Strategic Customers
and Solutions
SCHNEIDER ELECTRIC

Richard Brown, Research Scientist, Building
Technologies and Urban Systems Division
LAWRENCE BERKELEY NATIONAL LABORATORY

Presentation: 60 minutes

Discussion: 60 minutes

2. Public Comment

3. Gregg Fishman

Summary of Committee Direction.

Discussion: 1 minute

Pursuant to Resolution No. 20-06-08 adopted on June 18, 2020, Emergency Board Meeting Procedures are in effect:

Members of the public may make either a general public comment or comment on a specific agenda item by submitting comments via email. Comments may be submitted to PublicComment@smud.org. Comments will be provided to the Board and placed into the record of the Committee meeting if it is received within two hours after the meeting ends.

Members of the public that are listening or watching the live stream of a Board meeting and wish to comment on a specific agenda item as it is being heard, may submit their comments, limited to 250 words or less, to PublicComment@smud.org. The Board Chair may read the comments into the record, in her discretion, based upon such factors as the length of the agenda or the number of email comments received. Comments will be provided to the Board and placed into the record of the Committee meeting if it is received within two hours after the meeting ends.

*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. 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.***

ADA Accessibility Procedures: Upon request, SMUD will generally provide appropriate aids and services leading to effective communication for qualified persons with disabilities so that they can participate equally in this virtual meeting. If you need a reasonable auxiliary aid or service for effective communication to participate, please email Toni.Stelling@smud.org, or contact by phone at (916) 732-7143, no later than 48 hours before this virtual meeting.

SSS No.
RSNBS 21-001

BOARD AGENDA ITEM

STAFFING SUMMARY SHEET

Committee Meeting & Date
Strategic Development
January 26, 2021
Board Meeting Date
n/a

TO				TO				
1.	Scott Martin	6.						
2.	Rachel Huang	7.						
3.	Frankie McDermott	8.						
4.	Gary King	9.	Legal					
5.		10.	CEO & General Manager					
Consent Calendar		Yes	No <i>If no, schedule a dry run presentation.</i>	Budgeted	Yes	No <i>(If no, explain in Cost/Budgeted section.)</i>		
FROM (IPR) Scott Martin			DEPARTMENT Resource and New Business Strategy			MAIL STOP	EXT. 6872	DATE SENT 1/07/2021

NARRATIVE: Industry Experts Panel #1

Requested Action: Introduction to the Board and Industry Experts Panel Discussion on Distributed Energy Resources (DERs) and the Edge of the Grid.

Summary: Moderated by the Smart Electric Power Alliance (SEPA), this agenda item will feature a panel discussion among four recognized energy industry experts, under the theme of “DERs and the Edge of the Grid”. This is the 2nd of 3 Industry Expert Panels that are intended to assist the Board and SMUD staff in its consideration and decision on the 2030 Zero Carbon Plan.

Board Policy: SD-9 Resource Planning; SD-10 Innovation
(Number & Title)

Benefits: Provide insight into the current state of emerging technologies and business models that can help SMUD achieve Zero Carbon by 2030, as well as the vision and potential development path we may see for new technologies in the future.

Cost/Budgeted: N/A

Alternatives: N/A

Affected Parties: All SMUD Departments will contribute to the development of the Zero Carbon Plan.

Coordination: Resource and New Business Strategy

Presenter: Scott Martin
Moderator: Janet Gail Besser, Managing Director, Smart Electric Power Alliance (SEPA)

Panel Participants:
Beth Reid, CEO, Olivine
Michael Norbeck, Director, Grid Services Business Development, Sunrun
Don Wingate, Vice President, Strategic Customers and Solutions, Schneider Electric
Richard Brown, Research Scientist, Building Technologies and Urban Systems Division, Lawrence Berkeley National Laboratory

Additional Links:

SUBJECT Industry Experts Panel Discussion on Distributed Energy Resources (DERs) and the Edge of the Grid

ITEM NO. (FOR LEGAL USE ONLY)

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.



Janet Gail Besser
Managing Director
Smart Electric Power Alliance

As Managing Director, **Janet Gail Besser** oversees strategy for the SEPA Pathways – Utility Business Models, Regulatory Innovation, Grid Integration and Transportation Electrification – and leads content development and execution for Regulatory Innovation. She brings to this role broad energy industry experience as a regulator, clean energy business association leader, utility executive, developer, consultant, and consumer advocate.

Previously, she was Executive Vice President of the Northeast Clean Energy Council (NECEC), Vice President, Regulatory Strategy and Policy at National Grid, Chair and Commissioner of the Massachusetts Department of Public Utilities, where she led electric industry restructuring, and an executive and expert consultant at Analysis Group and Lexecon. She also held senior staff roles at the Massachusetts Energy Office and New Hampshire Public Utilities Commission, served as policy director for a DC-based national independent power association, and began her career as a small hydro developer and low-income consumer advocate.

Janet is a nationally recognized expert on a wide range of energy policy issues with deep relationships across the industry. She earned a Master in Public Policy degree from the John F. Kennedy School of Government, Harvard University and a B.A., magna cum laude, from Williams College.

<https://www.linkedin.com/in/janetgailbesser/>



Elizabeth (Beth) Reid
Chief Executive Officer
Olivine, Inc.

Beth Reid is the CEO of Olivine, Inc. - a technology-based company focused the energy industry navigate to develop cost-effective clean energy solutions focusing on harnessing the power of distributed energy resources (DER) including solar, battery, and other clean, renewable resources.

She has over twenty-five years of experience in the energy industry including senior management positions at APX and VECTRA Technologies and ABB where she was a core member of the team charged with developing and implementing CAISO. She is a passionate advocate for the value of the inter-relationship between grid reliability and public health for achieving resilience and sustainability and serves on the Board of the California Coalition for Clean Air.

Her vision is to create aggregated distributed and virtual power plant solutions that are reliable with value to both all members of the Community – utilities, grid operators and consumers – with access for all to clean sustainable power.

Beth holds an MBA from the University of Washington and a BA in Economics from the University of Michigan.

<https://www.linkedin.com/in/bereid/>



Michael Norbeck
Director
Grid Services Business Development
Sunrun

Michael Norbeck leads business development for Sunrun's Grid Services team, positioning the company's solar+storage products to create value as grid planning and operational resources. Before joining Sunrun, Michael held multiple positions at Pacific Gas & Electric Co., most recently leading competitive solicitations for non-wires alternative projects as part of the utility's Integrated Grid Planning team. Prior to PG&E, Michael worked in supply chain sustainability strategy for multiple Fortune 150 manufacturing firms, and in energy infrastructure management and emergency response planning at the US Department of Energy. He holds a Master's degree in Public Administration from Indiana University and a BA in Public Policy Studies from the University of Chicago.

<https://www.linkedin.com/in/michael-norbeck-466b918/>



Don Wingate
Vice President Sales
Microgrid Solutions and Strategic Partners
Schneider Electric

Don Wingate is Vice President Sales – Microgrid Solutions and Strategic Partners at Schneider Electric. He leads the North American business development efforts for Microgrid Solutions and also manages the Power and Grid segment focused on strategic electricity company accounts. Mr. Wingate assisted in the architecture and launch of the Schneider Electric Microgrid Competency Center and is the sponsor for the development of channels and alliances for microgrid projects. Prior to joining Schneider Electric Mr. Wingate held executive and management positions at Logica Inc, Cap Gemini, Oracle and General Electric.

Schneider Electric – Our purpose is to empower all to make the most of our energy and resources bridging progress and sustainability for all. Schneider Electric has been a US and global technol leader in developing advanced microgrid solutions and also pioneering “energy as a service” business models.

<https://www.linkedin.com/in/don-wingate-763991/>



Rich Brown
Research Scientist
Building Technologies and Urban Systems Division
Lawrence Berkeley National Laboratory

Rich Brown is a research scientist in the Building Technologies and Urban Systems Division at Lawrence Berkeley National Laboratory, where he has conducted research on energy in buildings for nearly 30 years. His research addresses the development and demonstration of technologies to reduce building energy use, make building loads more grid-interactive, and intelligently manage distributed energy resources, particularly through networked systems of sensors and controls. He also leads LBNL's research on DC power distribution in buildings. Brown holds an M.A. degree from the Energy and Resources Group at the University of California at Berkeley, and a B.S.E. in Engineering and Management Systems from Princeton University.

<https://www.linkedin.com/in/rich-brown-0a963b26/>

SSS No. BOD 2021-005

BOARD AGENDA ITEM

STAFFING SUMMARY SHEET

Committee Meeting & Date Strategic Development 2021
Board Meeting Date N/A

TO				TO					
1.	Gary King	6.							
2.	Frankie McDermott	7.							
3.		8.							
4.		9.	Legal						
5.		10.	CEO & General Manager						
Consent Calendar		Budgeted		Yes		No (If no, explain in Cost/Budgeted section.)			
FROM (IPR) Gregg Fishman / Donna Lofton				DEPARTMENT Board Office			MAIL STOP B307	EXT. 5079	DATE SENT 12/22/20

NARRATIVE:

Requested Action: Provide a summary of committee direction from the Board to Staff.

Summary: During a Board discussion at the January 2017 Policy Committee, the Board requested having 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 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 agenda 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, Strategic Development Committee Chair

Additional Links:

SUBJECT Summary of Committee Direction	ITEM NO. (FOR LEGAL USE ONLY)
---	-------------------------------

ITEMS SUBMITTED AFTER DEADLINE WILL BE POSTPONED UNTIL NEXT MEETING.