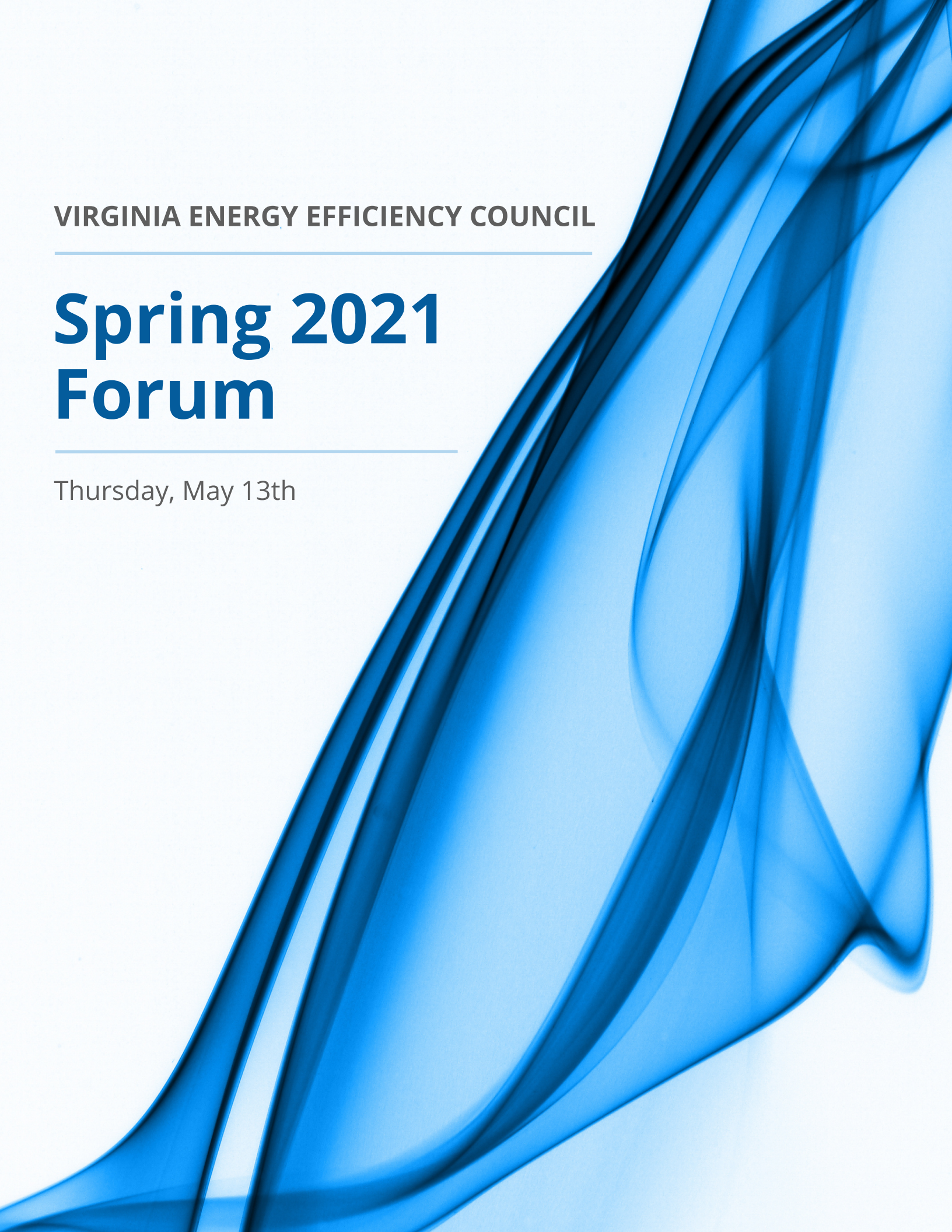


VIRGINIA ENERGY EFFICIENCY COUNCIL

Spring 2021 Forum

Thursday, May 13th



Welcome

10:00-10:45 AM

VAEEC UPDATES & BUSINESS MEETING

10:45-11:15 AM

NETWORKING SESSION

Sponsored by Virginia Energy Sense

11:15-11:30 AM

BREAK

11:30 AM-12:30 PM

CONCURRENT BREAKOUT SESSIONS

*USING ENERGY
MANAGEMENT
SYSTEMS FOR
WHOLE BUILDING
EFFICIENCY*

*MAKING A
DIFFERENCE IN
LOW-INCOME
HOUSING: HOW THE
RGGI AUCTIONS
AFFECT EE WORK*

*PANDEMIC
PROBLEM
SOLVING: FACING
ENERGY
CHALLENGES
ACROSS SECTORS*

12:30-12:50 PM

BREAKOUT SESSION DISCUSSIONS

12:50-1:00 PM

CLOSING REMARKS



Sponsors

LEADER

Community Housing Partner's (CHP) **Energy Solutions** division promotes healthier, safer, more energy efficient built environments by providing energy audits, inspections, energy performance upgrades, and building science education to individuals and families across the Southeast and Mid-Atlantic. CHP Weatherization helps low-income individuals and families reduce energy burdens by improving the energy efficiency and health of their homes using the federal Weatherization Assistance Program and other funding sources. CHP also partners with electric and gas utilities across the state to administer energy efficiency programs that reduce energy burdens and increase comfort, health, and safety for their income-qualifying residential customers. The Research and Training Center extends the knowledge and skills of the Energy Solutions team to weatherization and energy efficiency professionals across the country through building science and energy conservation education and certifications.



ADVOCATE

Dominion Energy's energy efficiency programs can help you explore ways to reduce your energy usage at home and work. The Dominion Energy Efficiency Products program has discounted over 5 million LED bulbs, and in 2020 discounted over 19,000 appliances. The Home Energy Assessment program reached over 2,700 participants, and the our low income weatherization programs reached over 3,200 homes. We are excited to launch a variety of new programs this year to provide our customers with more energy-saving opportunities!



SUPPORTER

CPower Energy Management provides consultative access to the valuable PJM demand response programs, including their Energy Efficiency Rebates. Our partners around the Commonwealth have earned over \$14,000,000 in the last 3 years by monetizing their infrastructure and knowledge of their electricity assets on premises. During a difficult economic cycle, accessing these grid-friendly, renewable supporting programs to produce financial incentives is even more important, and we welcome a discussion of how demand response may work for you.



Sponsors

SUPPORTER

Project:HOMES is a community development corporation dedicated to improving the quality of housing and living conditions for low-income, elderly, and disabled residents. Since 1992, project:HOMES has been helping people in Central Virginia by building high quality, energy efficient, affordable homes and by making critical home repairs and improvements. With 15 diverse programs in three divisions, the agency focuses on home health and safety, energy conservation, and affordable housing production.



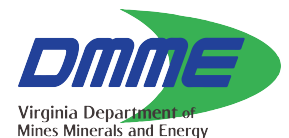
Rappahannock Electric Cooperative is one of the state's largest distribution electric cooperatives, providing electric service to over 170,000 connections in parts of 22 Virginia counties. REC operates and maintains more than 17,000 miles of power lines. We are more than just an electric company. We're your neighbors, family, and friends and are dedicated to providing safe, reliable and affordable electric service. We're connected to the communities we serve. We're concerned about the environment. We're your energy experts. We are REC.



Siemens Industry has built a reputation for delivering leading-edge products and services, high levels of customer satisfaction, and an unending spirit of innovation. From initial assessment through ongoing support, the Building Technologies Division of Siemens is the world market leader for safe, reliable, energy-efficient, and sustainable buildings and infrastructures. As a comprehensive energy services company, Siemens provides end-to-end, full service solutions that enable customers to best achieve their goals while positively impacting the economy and environment.



The **Virginia Dept. of Mines, Minerals & Energy** is the Commonwealth's state energy office. The Division of Energy advances policy and programs that expand Virginia's clean energy inventory, providing access to all Virginians, and setting course for the clean energy economy of the future. This division manages several programs and projects that will, or have already, contributed to increasing energy efficiency in Virginia, including those in the realm of residential, commercial, industrial, and transportation efficiency and financial incentives.



NETWORKING



PRESENTING

Using Energy Management Systems: **DHCD**

Making a Difference in Low-Income Housing:
Piedmont Housing Alliance

Pandemic Problem Solving: **VEIC**

Board Elections

NEW BOARD MEMBERS



Tim Bernadowski, Siemens Industry, *1st Term*

Tim is a Lead Project Developer for Siemens and is responsible for engineering and development of energy performance contract and other energy service projects in the VA, MD, WV & PA regions. He has over 42 years of experience in the energy industry, and has developed, engineered, installed, marketed and managed energy projects in the industrial, commercial, government, residential and utility sectors, including a number of unique energy installations. Projects he has managed have received recognition from the U. S. Department of Energy, Virginia Department of Mines, Minerals and Energy, Edison Electric Institute, Energy User News and the American Wind Energy Association. He has also served as an industry expert for both national and state organizations developing energy efficiency standards, on-site generation interconnection regulations and new energy technology develop programs.



Carla Dix, Columbia Gas of Virginia, *1st Term*

Carla is currently Manager of Regulatory Affairs for Columbia Gas of Virginia, a position she accepted in April 2021. She is responsible for planning, organizing and managing the Company's rate-related activities, including the preparation and support of rate filings with the Virginia State Corporation Commission. She is also responsible for managing Columbia's energy efficiency and conservation programs, which she has worked on since joining Columbia in 2012. Carla earned a Bachelor of Science degree from Virginia Tech's Pamplin College of Business.



Carrie Webster, Henrico County, *1st Term*

Carrie is the Energy Manager of Henrico County, Virginia. The Energy Manager works to reduce energy use and cost within the general government, schools, and public utilities. Key activities include energy benchmarking, promoting conservation and efficiency, and implementing renewable energy. Carrie graduated from the University of Virginia with a degree in Environmental Science. Carrie works with numerous energy and sustainability organizations such as VEPGA, USGBC, VAEEC, and VESPN.

Board Elections

BOARD MEMBER RE-ELECTION



Michael Hubbard, [Dominion Energy](#), *2nd Term*

Michael is the Manager of Energy Conservation at Dominion Energy. His responsibilities include oversight and design of new DSM programs. He joined Dominion in 1996 and has served in a number of regulatory and customer service-related leadership roles. Michael joined the VAEEC Board in May 2018.



David Koogler, [Rappahannock Electric Cooperative](#), *3rd Term*

David serves as the Vice President of Member Services and External Affairs for Rappahannock Electric Cooperative (REC), one of the largest electric cooperatives in the United States. David is responsible for the strategic leadership of all member support activities, including the contact center, billing and collections, key accounts, conservation and renewable energy programs, regulatory and government affairs, and communications. He joined REC in March 2011 and has more than 37 years of experience in Virginia's electric utility business. He graduated Magna Cum Laude with a B.S. in physics/engineering from Washington and Lee University, Lexington, Virginia, and with a master's in business administration from Virginia Commonwealth University, Richmond, Virginia.

David previously served as VAEEC Board Chair from 2018-2020.



John Morrill, [Fairfax County](#), *3rd Term*

John is the Division Manager for Innovation and Sustainability in the Office of Environmental and Energy Coordination (OEEC) at Fairfax County. As a part of the County Executive's Office, the OEEC guides policy and implementation of several Fairfax County initiatives including its Operational Energy Strategy, Fairfax Green Initiatives, and the emerging Community Energy and Climate Action Plan.

Prior to joining Fairfax in late 2020, John was the energy manager for Arlington County, where he led a broad portfolio of work in energy management and energy policy. Earlier in his career John held research and management positions during 17 years with the American Council for an Energy-Efficient Economy (ACEEE) in Washington DC.

John became VAEEC Board Chair in 2021 after previously serving as Vice Chair from 2018-2020.

Sessions

10:00-10:45 AM UPDATES & BUSINESS

Learn about the current state of energy efficiency in Virginia, re-elect current members of our Board of Directors, and hear about the successes of the organization and our members.

10:45-11:15 AM NETWORKING SESSION

Attendees will self-select into one of four breakout rooms based on a topic of interest. Each room will be guided by a facilitator, who will help promote conversation. [Sponsored by Virginia Energy Sense.](#)

BUILDING CODES & PERFORMANCE: *KC Bleile ([Viridiant](#))*

INNOVATION & TECHNOLOGY: *Stephen Evanko ([Dominion Due Diligence Group](#)), Chris Rawlings ([VLED](#))*

LEGISLATION & POLICY: *Elizabeth Beardsley ([U.S. Green Building Council](#))*

LOCAL GOVERNMENT COLLABORATION: *Bill Eger ([City of Alexandria](#))*

11:15-11:30 AM BREAK

11:30 AM-12:30 PM CONCURRENT BREAKOUT SESSIONS

Using Energy Management Systems for Whole Building Efficiency

Panelists will discuss the biggest challenges and opportunities with the installation, operation, and maintenance of energy management systems and the strategies for overcoming those obstacles. Panelists will also discuss new trends and the future of energy management systems, including grid-interactive buildings. [Sponsored by the Virginia Department of Housing & Community Development.](#)

Speakers: Tim Bernadowski (Siemens Industry), Lee Dunfee (Cushman & Wakefield), Chris Perry (ACEEE), Dawn Oleksy (City of Richmond, MODERATOR)

Click on a speaker's name to read their professional bio.

Sessions

11:30 AM-12:30 PM CONCURRENT BREAKOUT SESSIONS (CONTINUED)

Making a Difference in Low-Income Housing: how the RGGI auctions affect energy efficiency work

The Virginia Regional Greenhouse Gas Initiative auctions provide enormous potential to improve the Commonwealth's low-income housing stock. During this session, panelists will provide insights on program management, development, and the weatherization assistance and Affordable & Special Needs Housing programs. [Sponsored by the Piedmont Housing Alliance.](#)

Speakers: Dan Farrell (DHCD), Sunshine Mathon (Piedmont Housing Alliance), Kerri Walker (Project:HOMES), Lesley Fore (Community Housing Partners, MODERATOR)

Pandemic Problem Solving: Facing Energy Challenges Across Sectors

The COVID-19 pandemic has had wide-reaching effects on all sectors of the energy efficiency industry. Panelists will discuss the challenges and opportunities faced over the past year, and what they anticipate going forward. [Sponsored by VEIC.](#)

Speakers: Benjamin Knopp (Think Little), Cathy Lin (Arlington County Schools), Aaron Schneider (Metrus Energy), Leigh Anne Ratliff (CPower, MODERATOR)

12:30-12:50 PM BREAKOUT SESSION DISCUSSIONS

Attendees have the chance to remain in their breakout session for a more informal discussion and Q&A time. Alternatively, you can request to join another breakout session if you would like to learn more about one of the other topics.

12:50-1:00 PM CLOSING REMARKS

Take this opportunity to learn about pertinent upcoming events and meetings for Virginia's energy efficiency industry.

[Click on a speaker's name to read their professional bio.](#)

Speakers



Tim Bernadowski, Lead Project Developer, [Siemens Industry](#):

Tim is a Lead Project Developer for Siemens and is responsible for engineering and development of energy performance contract and other energy service projects in the VA, MD, WV & PA regions. He has over 42 years of experience in the energy industry, and has developed, engineered, installed, marketed and managed energy projects in the industrial, commercial, government, residential and utility sectors, including a number of unique energy installations.



Lee Dunfee, Managing Director, Energy & Engineering, [Cushman & Wakefield](#):

Lee is part of Cushman & Wakefield's national Energy and Engineering team in the U.S. He works closely with regional leaders, portfolio managers, and engineering teams to deliver best-in-class service in building operations and energy efficiency. His responsibilities include cultivating industry best practices in building operations, the development of energy strategies for buildings, energy auditing and the development of training programs. Lee also focuses on evolving building technologies, demand response programs and energy procurement strategies for Cushman & Wakefield national portfolio.



Daniel Farrell, Associate Director of the Energy Efficiency Office, [Virginia Dept. of Housing & Community Development](#):

Dan is the Associate Director of the Energy Efficiency Office at Virginia's Department of Housing and Community Development (DHCD). He coordinates DHCD's implementation of Regional Greenhouse Gas Initiative (RGGI) funding to support increasing energy efficiency, durability, and resident health and safety in affordable housing in Virginia. Dan has worked in residential and commercial building energy efficiency programs for 18+ years, in Washington State, New York and Virginia.



Lesley Fore, Senior Manager of Operations, [CHP Energy Solutions](#):

Lesley has more than 10 years of leadership experience collaborating with utilities, corporate leaders, regional, state, and national partners. As the Senior Manager of Operations at Community Housing Partners (CHP) Energy Solutions, she oversees a portfolio of gas and electric utility-sponsored energy efficiency programs designed to serve low-income, elderly, disabled, veteran, and other energy burdened residential households. Lesley joined CHP's Utility Programs team as a consultant in 2019 after spending nine years with the Local Energy Alliance Program (LEAP) in Charlottesville, Virginia, where she was Executive Director.

Speakers



Benjamin Knopp, Building Science Consultant, [Think Little Home Energy](#):

Benjamin is a Building Science Consultant at Think Little Home Energy, specializing in high-performance HVAC design and commissioning. He helps to decarbonize buildings while also maximizing efficiency, comfort, health, and durability. He holds the Certified Energy Manager (CEM) credential from the Association of Energy Engineers and recently became a Fellow of the Clean Energy Leadership Institute's 2021 National Cohort.



Cathy Lin, Director of Facilities & Operations, [Arlington Public Schools](#):

Cathy is the Director of Facilities and Operations at Arlington Public Schools (APS) and brings 25 years of experience in program and project management throughout her career in the Air Force, in the private sector, and at APS. Cathy is a strong champion for clean energy projects and enjoys opportunities to work with students to support sustainability education and environmental stewardship.



Sunshine Mathon, Executive Director, [Piedmont Housing Alliance](#):

Sunshine is the Executive Director of Piedmont Housing Alliance in Charlottesville, VA. Committed to deeply equitable and sustainable affordable communities, Sunshine has led the development of over 1,200 healthy, efficient homes in Texas and Virginia. As a nationally-recognized leader in the deep green affordable housing sector, Sunshine routinely consults with a wide variety of local and national affordable housing agencies and developers. Sunshine holds a Masters in Architecture from the University of Texas at Austin.



Dawn Oleksy, Climate Action Program & Operations Supervisor, [City of Richmond](#):

Dawn has over 25 years in the environmental sustainability field and 10 years of experience in energy management for local governments. She currently oversees climate mitigation projects for the City of Richmond by collaborating with stakeholders to meet the longterm goals as outlined in RVAgreen2050, Richmond's equity-centered climate action and resilience planning process.



Chris Perry, Research Manager, [American Council for an Energy-Efficient Economy](#):

Chris is a Research Manager and licensed professional engineer for the American Council for an Energy-Efficient Economy. He conducts research to support energy-efficient building codes and equipment standards, in addition to smart and grid-interactive buildings.

Speakers



Leigh Anne Ratliff, Account Manager, PJM, [CPower Energy Management](#):

For the last twelve years, Leigh Anne has been consulting and implementing the PJM demand response programs to hundreds of clients in Virginia. In the last three years, this work has brought back over a million dollars to a variety of participants who provide a critical role in grid stability. She holds a B.S. Engineering degree from the University of Illinois at Urbana-Champaign, a M.S. Financial Markets and Trading from the Illinois Institute of Technology and a M.E.R.L. Energy Regulation and Environmental Law from the Vermont Law School.



Aaron Schneider, Director of Sales, [Metrus Energy](#):

Aaron is Director of Sales at Metrus Energy where he helps clients in the public and private sector to reduce their carbon footprint while also improving their bottom line. Prior to Metrus, he was building the largest electric vehicle charging network in North America with ChargePoint. Aaron enjoys spending time outdoors with his young sons.



Kerri Walker, Vice President, Energy Conservation Programs, [project:HOMES](#):

Since joining project:HOMES in 2006, Kerri has helped expand the owner-occupied home repair program and oversaw gut renovations of affordable homes and new construction projects in the Neighborhood Revitalization Department. The Energy Conservation team has grown over the past five years and continues to make a difference through weatherization, auditing services, solar options and utility programs throughout Central Virginia and the Peninsula region.

Staff & Board

STAFF



CHELSEA HARNISH, Executive Director



JESSICA GREENE, Outreach Director



REBECCA HUI, Office Manager

BOARD OF DIRECTORS

VAEEC CHAIR

JOHN MORRILL
Fairfax County

VICE CHAIR

MARK JACKSON
CHP Energy Solutions

TREASURER

KC BLEILE
Viridiant

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ELIZABETH BEARDSLEY
U.S. Green Building Council

DIRECTORS

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Trane

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Siemens

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Columbia Gas of VA

BILL EGER
City of Alexandria

STEPHEN EVANKO
Dominion Due Diligence Group

MICHAEL HUBBARD
Dominion Energy

MAGGIE KELLEY
Southeast Energy Efficiency Alliance

DAVID KOOGLER
Rappahannock Electric Coop

LEIGH ANNE RATLIFF
CPower Energy Management

CARRIE WEBSTER
Henrico County

DIRECTOR EMERITUS

DAVID STEINER
D&R International

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UPCOMING EVENTS

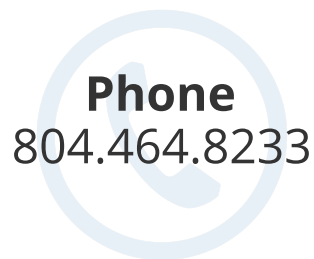
June 10, 2021

VAEEC WEBINAR
Benchmarking Best Practices

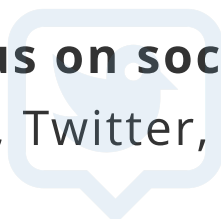
November 16, 2021

VAEEC FALL 2021 FORUM
with Awards Ceremony & Trade Show

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Members

BUSINESS PLATINUM

Community Housing Partners
Dominion Energy
Nest
project:HOMES
Sigora Solar
Washington Gas

BUSINESS GOLD

Antares
Clark Nexsen
D+R International
Dominion Due Diligence Group
Edison Energy
Franklin Energy
Honeywell
Michaels Energy
PEG
Schneider Electric
TRC

BUSINESS SILVER

2RW Consultants
Ameresco
Appalachian Power
Columbia Gas of Virginia
CPower Energy Management
Damuth Trane
Efficient Home, LLC
EnergyCap
The Fifth Fuel
Itron
Johnson Controls
Metrus Energy
Moseley Architects
NMR Group
Northern Virginia Electric Co-op
Old Dominion Electric Co-op
Rappahannock Electric Co-op

BUSINESS SILVER (CONT.)

RRMM Architects
Siemens
Simpson Real Estate Services
Sustainable Design Consulting
Trane
Via Design
Virginia Housing Alliance
Virginia Natural Gas

GOVERNMENT

Arlington County
Albemarle County
City of Charlottesville
Chesterfield County
City of Alexandria
City of Norfolk
City of Richmond
City of Virginia Beach
Fairfax County
Henrico County
James City County
Municipal Electric Association of Virginia
Northern Virginia Regional Commission
Prince William County
Town of Blacksburg
VA Dept. of Housing & Community Development
VA Dept. of Mines, Minerals & Energy
VA Energy Purchasing Governmental Association
Virginia Resource Authority

ACADEMIC

Arlington County Public Schools
Prince William County Public Schools

ASSOCIATE

Association of Energy Conservation Professionals
Association of Energy Engineers
Birch Studios
Dominion Energy Innovation Center
Local Energy Alliance Program
Sierra Club (VA Chapter)
Think Little
U.S. Green Building Council
VEIC
VA Geothermal Heatpump Association
VA PACE Authority
Viridiant
Weatherizers Without Borders

PARTNER

Alliance to Save Energy
SE Energy Efficiency Alliance
Virginia Chamber
VA Renewable Energy Alliance

INDIVIDUAL

Cynthia Adams
Allen Asbury
Tiziana Bottino
Kevin Chisholm
Bill Greenleaf
Eric Lacey
Frank Maher
James Mascaro
Jason Mitchell
Bill Nusbaum
Lori Oliver
Saifur Rahman
Chris Rawlings
Stephen Shanks
Rodney Sobin

