

Vermont Energy and Climate Action Network and
University of Vermont Extension present

Saturday, December 7, 2019 • Fairlee, Vermont

Meeting the Moment: Collectively Confronting the Climate Crisis

12th Annual Community Energy & Climate Action Conference





VECAN
VERMONT ENERGY & CLIMATE
ACTION NETWORK

Vermont Energy & Climate Action Network, VECAN, is a network of organizations working to help start, support, and strengthen town energy and climate action committees and their efforts to advance a sustainable, clean energy future. VECAN is coordinated by the

Vermont Natural Resources Council, in collaboration with Efficiency Vermont, Energy Action Network, New England Grassroots Environment Fund, Net Zero Vermont, and Vital Communities.

CONFERENCE HOSTS



Vermont Natural Resources Council

has been the Green Mountain State's leading environmental education, policy, and advocacy organization since 1963. Working from the grassroots to the legislature, VNRC advances policies and programs that Vermonters care about – vibrant, walkable communities, clean and abundant water, working farms and forests, and an efficient, clean, renewable energy future. VNRC serves as the coordinator for VECAN.



Efficiency Vermont is Vermont's statewide efficiency utility, helping Vermonters reduce energy costs, strengthen local economies and protect the environment by making homes and businesses energy efficient. EVT provides technical assistance, rebates and other financial incentives to help Vermont households and businesses reduce their energy costs. The Vermont Energy Investment Corporation operates EVT.



Energy Action Network is a diverse group of energy stakeholders working to end Vermont's reliance on fossil fuels and create clean, affordable and secure electric heating and transportation systems for the 21st century.



Net Zero Vermont is dedicated to advancing sustainable, vibrant people-centered downtowns, transforming our transportation and energy systems to low carbon alternatives and raising public awareness about the importance of moving to a post-carbon future.



New England Grassroots Environment Fund

inspires, connects and supports local change from the ground up. To date, New England Grassroots Environment Fund has provided seed grants and helpful resources to over 1,600 community groups in more than 50 percent of New England's cities and towns.

Vermont Council on Rural Development

helps Vermont citizens build prosperous and resilient communities through democratic engagement, marshalling resources, and collective action. VCRD is a dynamic partnership of federal, state, local, nonprofit and private partners, working in multiple towns annually through Community Visits and the Climate Economy Model Communities Program to facilitate and support locally-defined progress.



Vital Communities brings together citizens, organizations and municipalities in the Upper Connecticut River Valley of Vermont and New Hampshire to take on issues where an independent voice and regional approach are essential. Working together, Vital Communities makes the Upper Valley region a better place to live, work and play.



Conference Agenda

8:00 – 9:00 AM	Registration Join our sponsors and exhibitors in the Morey Lounge for coffee, quiche, and refreshments.
9:00 – 10:45 AM	Setting the Frame: Where We Are, Where We Need to Go... <i>Where Does Vermont Stand on Its Climate and Clean Energy Goals?</i> Presentation by Energy Action Network Local Energy Success Stories and Creative Strategies (<i>see insert</i>)
10:45 – 11:00 AM	Break
11:00 AM – 12:15 PM	Concurrent Workshop Session A <i>Building Climate Resilience: Tools, Tips, and Fundamental Approaches</i> <i>Maximizing the Energy Transformation Opportunities in Vermont's Renewable Energy Standard</i> <i>Using Evidence and Data to Drive Rapid, Cost-Effective, and Equitable Emissions Reductions</i> <i>Working Effectively with Municipalities: Tips and Tricks for Energy Committees</i> <i>Legislative Lowdown and the Look Forward in 2020</i> <i>Zero Energy Now: Achieving Energy Goals Through Whole Building Transformation</i> <i>Transportation Electrification – Buses, Bikes, and Cars</i>
12:15 – 1:45 PM	Lunch/Networking All vegetarian fare this year! Browse sponsor exhibits (Morey Lounge) <i>Find desserts in the Morey Lounge...</i>
1:45 – 3:00 PM	Concurrent Workshop Session B <i>Leading By Example: Collaborating With Schools and Students to Move Energy Projects Forward</i> <i>Ramping Up Weatherization</i> <i>Understanding and Alleviating Vermonters' Energy Burden – Projects and Approaches</i> <i>The Role of Vermont's Forests in Climate Action – Heating and Sequestering</i> <i>Capping Pollution and Investing in Solutions: The Transportation and Climate Initiative</i> <i>Beyond Cars: Success Stories and Strategies</i> <i>Accelerating Vermont's Renewable Energy Future</i>
3:00 – 3:15 PM	Break
3:15 – 3:35 PM	Remarks from Senate President Pro Tem Tim Ashe
3:35 – 4:30 PM	Keynote – Rep. Chloe Maxmin, Maine House District 88 <i>Dirt Road Revival: Growing a Climate Movement Rooted in Rural America</i>
4:30 – 5:30 PM	Post Conference Reception Keep the networking going and celebrate a solid day of climate action work! Gather in the Steamboat Lounge for light hors d'oeuvres and cash bar.

Keynote



Dirt Road Revival: Growing a Climate Movement Rooted in Rural America

Representative Chloe Maxmin

Chloe Maxmin, 27, is the Representative for the rural Maine House District 88. She ran for the Maine House of Representatives in 2018 in her hometown, winning her primary with 80% of the vote and the General Election with 52.4% of the vote, making her the first Democrat to win the District 88 seat. Chloe's expertise and focus is on building a durable, values-based movement – with a particular focus on rural regions – to combat the climate crisis.

Chloe was raised on her family's farm in Nobleboro, Maine, and has been a community organizer for 14 years. Chloe co-founded Divest Harvard – a campaign calling on Harvard University to divest from fossil fuels that ultimately drew 70,000 supporters. In 2015, after graduation from Harvard, Chloe returned to Maine. Prior to that, Chloe founded First Here, Then Everywhere to empower youth climate activists.

Her life-long climate activism has won her broad recognition. She is the recipient of the Gloria Barron Prize for Young Heroes and the Brower Youth Award, she was named a "Green Hero" by *Rolling Stone* and recognized by the *Washington Post*, CNN and many other news outlets for her leadership. You can follow her on Twitter at @chloemaxmin.



Combating Climate Change in Every Committee Room: A 2020 Legislative Preview

by Senate President Pro Tempore Tim Ashe

Find Senator Ashe's full bio on page 12.

Workshop Session A

11:00 A.M. – 12:15 P.M.



A1

Transportation Electrification – Buses, Bikes, Cars

Moving people from fossil fuel-powered combustion vehicles to more efficient, largely renewably powered electric vehicles is a powerful climate mitigation strategy, especially in a rural state like Vermont. The opportunities for individuals to go electric – in part, bolstered by a new state incentive program – are growing. And, while bumps in the road remain, there are exciting opportunities to electrify buses. Get the latest on the landscape for electric transportation in Vermont... and what obstacles still exist.

Geoff Martin, Hartford Energy Coordinator

Peggy O'Neill-Vivanco, Clean Cities Coalition

Dave Roberts, Drive Electric Vermont



A2

Maximizing the Energy Transformation Opportunities in Vermont's Renewable Energy Standard

Vermont's distribution utilities and energy efficiency utilities have been playing important roles in helping Vermonters reduce their energy use and carbon pollution. This work is happening through the "Transformation Tier" of the Renewable Energy Standard and through the ongoing energy efficiency programs offered statewide. Learn about current programs underway and how they are spurring creative, flexible, and collaborative energy innovation. Also, hear about what these important partners are considering so that they can accomplish even more money-saving, pollution-reducing results.

Emily Eckert, Green Mountain Power

Rebecca Foster, Efficiency Vermont

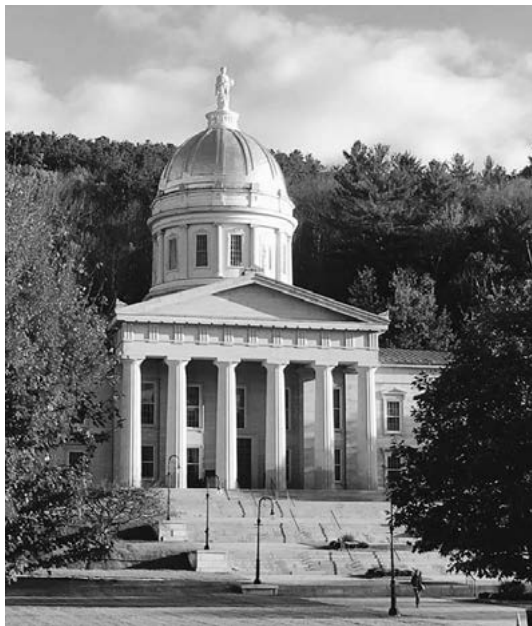
Darren Springer, Burlington Electric Department

Steven Wisbaum, Eco-Equipment Supply

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Workshop Session A

11:00 A.M. – 12:15 P.M.



A3

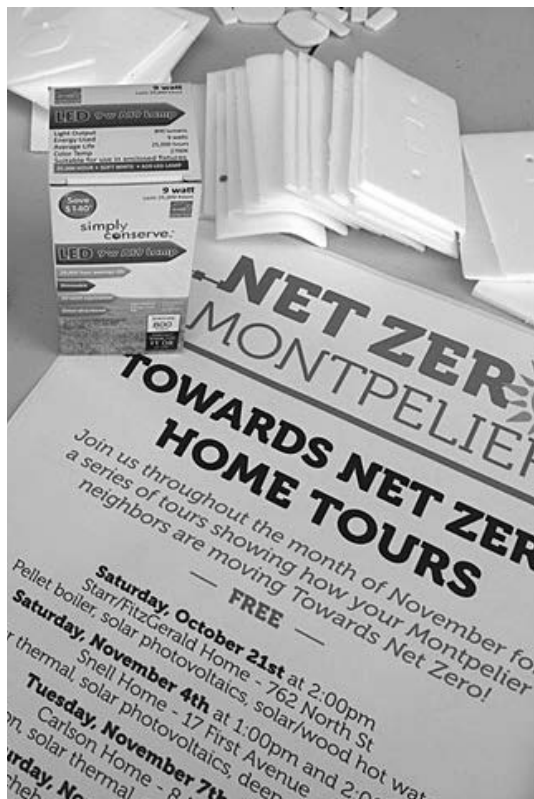
Legislative Lowdown and the Look Forward for 2020

The ongoing federal obstructionism on climate action – paired with the increasing intensity of the climate crisis – requires states and cities to step up, and step in, to tackle this pressing challenge. Learn about what Vermont policy makers have in mind to make meaningful progress in the 2020 legislative session, what it could take to succeed and how you can stay connected to Statehouse happenings to help make much-needed progress this year.

Selene Colburn, State Representative, Chittenden 6-4

Lauren Hierl, Vermont Conservation Voters

Andrew Perchlik, State Senator, Washington County



A4

Zero Energy Now: A Whole-Home Energy Transformation

It took hundreds of years for us to get into the present global climate crisis. To comprehensively overhaul our fossil fuel powered society in 30 years – as climate science and our statewide 90% by 2050 comprehensive energy plan says we should – we have a tall order in front of us. Learn about the results to date of the “Zero Energy Now” initiative and the effort to push this successful program statewide. Find out how you – or your energy committee – might help expand this program to enable many more Vermonters to participate, home-by-home, helping take serious pollution-reducing steps to reach our state’s necessarily ambitious pollution-reducing targets.

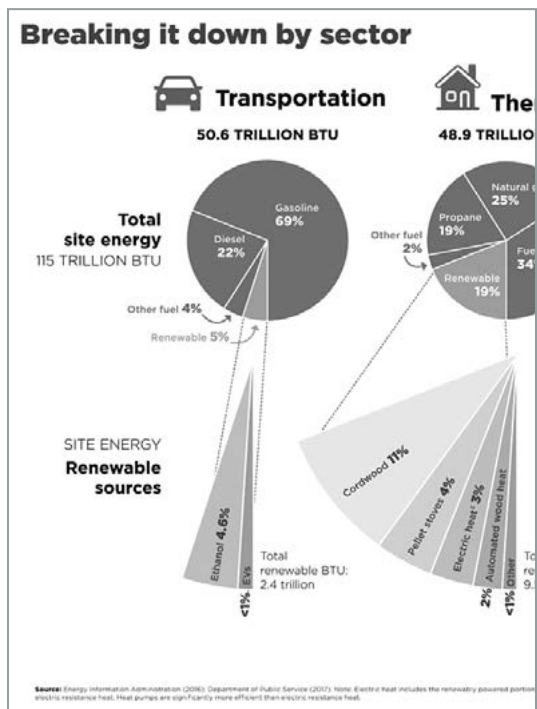
Richard Faesy, Energy Futures Group

*Chuck Reiss, Building Performance Professionals Association/
Hinesburg Energy Committee*

Li Ling Young, Vermont Energy Investment Corporation

Workshop Session A

11:00 A.M. – 12:15 P.M.



A5

Using Evidence and Data to Drive Rapid, Cost-Effective, and Equitable Emissions Reductions

The urgency of the climate crisis demands that we effectively utilize data and evidence to reduce emissions as quickly, cost-effectively, and equitably as possible. Join a discussion about what tools and data exist to assess the cost-effectiveness of different emissions reduction strategies and see where and how those best practices and technologies are being adopted across Vermont. Specifically, panelists will share information from the Vermont Energy Dashboard and the Public Service Department's new GHG cost-effectiveness assessment tool.

Jared Duval, Energy Action Network

Philip Picotte, Vermont Department of Public Service

A6

Working Effectively with Municipalities: Tips and Tricks for Energy Committees

As local energy committees work to help their communities become more sustainable, forging positive working relationships with municipal officials can be a key to success. This workshop will share tips about forming positive relationships with municipal officials. Participants will also complete an exercise designed to help identify next steps.

Lori Hirshfield, Town of Hartford

Kelly Lucci, Efficiency Vermont

Kate Stephenson, Montpelier Energy Advisory Committee



Continued on next page

Workshop Session A

11:00 A.M. – 12:15 P.M.



A7

Building Climate Resilience: Tools, Tips, and Fundamental Approaches

With the effects of climate change already being felt in Vermont and around the world, making our communities more resilient is critical. Learn about how restoring soil health can improve resilience, both within ecosystems and within communities. Plus, hear from leaders from the Hartford Resilience Team and Community Resilience Organizations and how you might get involved.

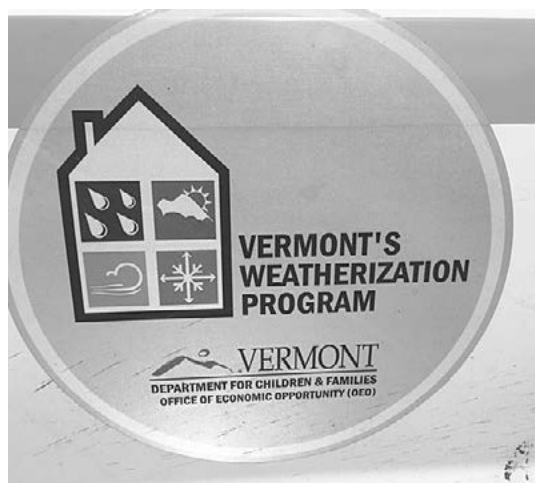
Cat Buxton, Vermont Healthy Soils Program

Kye Cochran, Hartford Resilience Team

Simon Dennis, Hartford Resilience Team

Workshop Session B

1:45 – 3:00 P.M.



B1

Ramping Up Weatherization

Weatherization is critical to reducing carbon emissions and saving Vermonters money by reducing the amount of energy needed to heat and cool buildings. Increased weatherization incentives announced this summer by the state's three Energy Efficiency Utilities – Efficiency Vermont, Vermont Gas, and Burlington Electric Department – are helping to accelerate the number of weatherized home across the state, but more work is needed. Come learn firsthand how local energy leaders can support more weatherization in their communities. This panel will include presentations from those working on weatherization in Vermont including contractors, a program administrator, and a town energy committee.

Jim Bradley, Vermont Builders and Remodelers Association

Paul Fleckenstein, Contractor

Kelly Lucci, Efficiency Vermont

Kathie Voigt, Jericho Energy Task Force

Workshop Session B

1:45 – 3:00 P.M.



B2

Understanding and Alleviating Vermonters Energy Burden – Projects and Approaches

What is energy burden? Dive into an updated report on how and where energy burden is felt by Vermonters, particularly low income Vermonters. Then, learn about innovative ways that energy committees and others are working to engage with low income neighbors to alleviate it – and how programs are working to lower barriers to participation in the clean energy economy for renters and those with low incomes.

Rebecca Foster, Efficiency Vermont

Bob Walker, Thetford Energy Committee

Paul Zabriskie, Capstone Community Action



B3

Accelerating Vermont's Renewable Energy Future

Accelerating the development and procurement of clean, renewable electricity to meet our heat, power and transportation needs is an incredibly important piece of doing our part to combat the climate crisis. In this workshop, get an update on what's happening with net metering, what more is needed and learn about the 2020 push for a 100% renewable energy standard goal – and what that means for you, your community and Vermont. And, find out how you can help support job- and resilience-creating in-state wind and solar renewable generation and the enactment of a strong, equitable 100% renewable requirement in 2020.

Olivia Campbell-Andersen, Renewable Energy Vermont

Ben Edgerly-Walsh, Vermont Public Interest Research Group

Aiko Schaefer, 100% Network

Workshop Session B

1:45 – 3:00 P.M.



B4

The Role of Vermont's Forests in Climate Action — Heating and Sequestering

Vermont's forests will increasingly play an important role in our state's clean energy future... as well as in our state's climate crisis response. How can the state support a strong climate forest economy, helping heat Vermonters homes in an efficient, sustainable way through strategic, carbon-beneficial harvest practices? How – and why – can Vermont maintain large forest blocks to sequester carbon as a strong, essential climate pollution reduction strategy? Find out far more about the different, important roles Vermont's forests plan in energy and climate – and offer your thoughts on how to maintain an important balance of forest-based values and benefits.

Jamey Fidel, Vermont Natural Resources Council

Emma Hanson, Department of Forests, Parks and Recreation

Bill Keeton, University of Vermont

Adam Sherman, Biomass Energy Research Center



B5

Capping Pollution and Investing in Equitable Solutions: The Transportation and Climate Initiative

To reduce carbon pollution in our most intensive sector – transportation – we need tools in our toolbox to require reductions and raise dollars to invest in clean, efficient, diverse mobility options. The Transportation and Climate Initiative (TCI) is a regional effort – and an opportunity – to require pollution reduction in the transportation sector and raise revenues to help more Vermonters – in particular rural, low income earners – make investments in cleaner, more affordable ways to get where they need to go. Learn about this promising effort, why it's so important, and how you can help shape a strong, equitable program.

Tim Ashe, Senate President Pro Tempore

Johanna Miller, Vermont Natural Resources Council

Jordan Stutt, Acadia Center

Peter Walke, Vermont Agency of Natural Resources

Workshop Session B

1:45 – 3:00 P.M.



B6

Beyond Cars: Success Stories and Strategies

Transportation is the largest source of carbon emissions and often the single largest household budget item. Gaps in mobility represent a serious challenge to communities. In this workshop, learn about innovative tools tailored to assist community volunteers to take action, support housing-friendly zoning, and undertake transportation planning. Plus, hear about stories, strategies, and resources to help guide you to positive results in reducing transportation-related carbon pollution in your community.

Van Chestnut, Advance Transit

Faith Ingulsrud, Agency of Commerce and Community Development

Deb Sachs, Net Zero Vermont



B7

Leading By Example: Collaborating With Schools and Students to Move Energy Projects Forward

How can concerned citizens work effectively with local schools to help them prioritize and implement energy and climate opportunities? What are key tools and programs available to schools that are ready to take on projects? How can we effectively engage and support motivated students working to make change at their school and in the community? This panel will answer these questions and more with a mix of stories and technical advice.

Jon Copans, Vermont Council on Rural Development

Chris Granda, Richmond Climate Action Committee

Maeve MacLachlan, 8th grade student from Rutland

Cara Robeck, Vermont Energy Education Program

Presenters

Tim Ashe is the President of the Vermont State Senate and serves on the Senate Appropriations and Transportation Committees. During his affordable housing career he developed two solar projects, coordinated substantial weatherization projects for 152 apartments, and achieved Enterprise Green Communities certification for two new senior housing facilities. He worked with town energy committees to authorize substantial solar projects on capped landfills in South Burlington and Brattleboro, along with many other pieces of legislation addressing climate change.

Jim Bradley brings years of construction knowledge and management to the Vermont Builders and Remodelers Association (VBRA) after successfully running Caleb Contracting LLC for 14 years prior to beginning his tenure with Hayward Design/Build. Jim's extensive background and certifications in Passive House Construction and Building Science bring added value to Hayward Design/Build's clients, who appreciate beautifully built, efficient and sustainable homes. Jim shares his passion for energy efficiency with VBRA members through his work on the Education and Legislative Committees and often testifies at the Statehouse on issues affecting the construction industry and small businesses.

Cat Buxton is a busy cross-pollinator from the White River watershed in VT. Her business, Grow More, Waste Less, is empowering and connecting communities to affect positive change from the ground up. A self-described microbe geek, Cat loves to talk about bugs, soil, gardening, and composting, pretty much wherever she goes. She leads Land Listener workshops with the Soil Carbon Coalition, and organizes the Upper Valley Apple Corps. She is co-founder of the Vermont Healthy Soils Coalition, a member of the Agroecology Team at The Center for Grassroots Organizing in Marshfield, Vermont, and serves on several boards and committees. She consults, teaches, and presents about soil and ecosystem health to individuals of all ages and groups of all sizes.

Olivia Campbell Andersen serves as Executive Director of Renewable Energy Vermont, the state's non-profit clean energy trades, advocacy, and education organization. Prior to that, Olivia served as Assistant Chief of Staff to Maryland Governor Martin O'Malley, advising the Governor on environmental, sustainability, energy, budget, and transportation issues, as well as six years at the Maryland Department of Natural Resources. Olivia also worked for Congressman Steny H. Hoyer during his time as Majority Leader and for the National Wildlife Federation, working to reduce mercury and carbon

pollution. Olivia holds degrees from Vermont Law School and Gettysburg College.

Van Chestnut has been the Executive Director of Advance Transit since 1987, a non-profit charitable organization that provides free transit in Vermont and New Hampshire. Advance Transit has been committed to goals that include reducing traffic congestion, preserving the character of small-town communities, and providing convenient transit access to area workplaces, hospitals, shopping centers, schools, and community agencies all over the Upper Valley. For over 30 years, Van's dedicated and humble leadership has been integral in helping Advance Transit to develop a unique and sustainable public transportation system for Upper Valley residents, while also growing employee to over 40 individuals in career positions.

Selene Colburn was born and raised in Burlington's East District and brings decades of experience in leadership, advocacy, and policy development. She's a librarian at the University of Vermont, an activist for social and economic justice, and a community servant who has helped shape the visions of local civic and non-profit boards, including Vermont Access to Reproductive Freedom which she co-founded in 2002. She currently represents Burlington's Chittenden 6-4 district in the Vermont House of Representatives where she is the Clerk of the Climate Solutions Caucus. Prior to that she served two terms as a Burlington City Councilor.

Jon Copans has served as the Program Director of the Climate Economy Model Communities Program at the Vermont Council on Rural Development since 2017. He worked previously for the State of Vermont as Deputy Commissioner of the Public Service Department and at the Department of Environmental Conservation and for eight years served in Congressman Peter Welch's Vermont office. Jon grew up in Brattleboro, graduated from Macalester College, and currently lives in Montpelier with his wife and three children.

Simon Dennis is a community organizer who believes that the level of our collective consciousness is the bottom line with regard to our ability to adapt to the conditions of the 21st century. He spent the late 90s and early 00s founding and directing COVER home repair, a non-profit service organization that organizes volunteers to address urgently needed home repair projects for elderly and disabled people in the community. Since then he has worked as an organizational consultant and a community organizer, co-founding Transition Town White River

Junction and a residential sustainability center called The Center for Transformational Practice, where he currently resides. He also serves on the Select Board for the Town of Hartford, Vermont.

Jared Duval serves as Executive Director of the Energy Action Network (EAN), a diverse group of leading non-profits, businesses, public agencies, and other high-level stakeholders committed to meeting Vermont's renewable energy and emissions reduction commitments in ways that create a more just, thriving, and sustainable future for Vermonters. Before leading EAN, Jared served as Economic Development Director at the Vermont Agency of Commerce and Community Development, where he was responsible for providing business support to working lands and green economy businesses across Vermont.

Emily Eckert started her sustainability career by making up her own degree: an Individualized Major in Global Economies, Human Rights and the Environment. Prior to joining Green Mountain Power, Emily dove into the electric vehicle and solar market, through which she facilitated an electric vehicle test drive event for Green Mountain Power. During this event Emily connected with several GMP members resulting in her joining the Energy Transformation team in February 2019. As a member of the Energy Transformation team, Emily translates her passion for the environment into tangible transformation projects helping both customers and our environment, by integrating cost efficiencies with carbon cutting technologies.

Ben Edgerly Walsh has run VPIRG's climate and energy program since 2012, leading campaigns on issues from establishing Vermont's groundbreaking renewable energy standard, to expanding our net metering program, to establishing nation-leading appliance efficiency standards and defending Vermont's energy efficiency work from attacks from the right. At VPIRG, Ben works to research, identify and advance clean energy policy solutions. Prior to taking the reins of VPIRG's energy program, Ben was VPIRG's Field Director, engaging and mobilizing thousands of Vermonters in support of VPIRG's campaigns.

Richard Faesy is a principal and co-founder of Energy Futures Group (EFG) in Hinesburg, Vermont. He has more than 30 years of experience in the clean energy industry working with hundreds of clients and programs throughout the U.S. and Canada. Prior to founding EFG, Richard worked at the Vermont Energy Investment Corporation for 21 years.

Jamey Fidel leads the legal and forest and wildlife program at the Vermont Natural Resources Council, including the Forest Roundtable which is a quarterly meeting of diverse stakeholders focused on forest policy and forest management and conservation issues in Vermont. Jamey worked previously as Conservation Director of the Aspen Wilderness Workshop, Project Director of Public Counsel of the Rockies, and Biological Inventory Coordinator of Pitkin County, Colorado.

Paul Fleckenstein manages the residential efficiency program at the Energy Co-op of Vermont. He has worked on a weatherization crew and is a certified energy auditor and healthy home evaluator. Paul is also active in the climate justice movement and was part of the September 20th Vermont Climate Strike organizing committee.

Rebecca Foster is the director of the statewide energy efficiency utility, Efficiency Vermont, and leads the organization in delivering energy savings to all Vermonters. Rebecca previously served as Director of Consulting at VEIC, the nonprofit organization that operates Efficiency Vermont under an Order of Appointment from the Vermont Public Utility Commission. Prior to joining VEIC, Rebecca directed the Consortium for Energy Efficiency's residential sector initiatives for more than a decade, increasing efficiency standards for lighting, appliances, air conditioners, consumer electronics, windows, new homes, and existing homes. Rebecca holds a Bachelor of Arts degree from Boston University and a Master of Business Administration degree from Simmons College.

Emma Hanson brings a diverse background in sales, communications and environmental policy to the world of wood energy. After staffing the Forestry Committee of the Working Lands Enterprise Board at the Vermont Agency of Agriculture for two years, she took on the new position of Wood Energy Coordinator at the Vermont Department of Forests, Parks & Recreation in 2017. She holds a M.S. in Agriculture, Food & Environmental Policy from Tufts University in Boston.

Lauren Hierl is the Executive Director of Vermont Conservation Voters, starting in 2014 as VCV's Political Director. Prior to that, Lauren worked as an environmental advocate at VPIRG, and in Washington, DC at the National Audubon Society. She also ran the campaign to protect the Arctic National Wildlife Refuge at the Alaska Wilderness League. She conducted climate change research in Kruger National Park in South Africa and oversaw an endangered species conservation program at

San Diego State University. Lauren received her Master of Environmental Management and Master of Public Policy degrees at Duke University and a Bachelors in Environmental Science at Dartmouth College.

Lori Hirshfield has been the Director of the Department of Planning and Development Services for the Town of Hartford since August 1996. The Department is responsible for town-wide current and comprehensive planning, including zoning, land use, community and economic development, historic preservation, conservation, housing, energy, transportation, community resilience and hazard mitigation. She coordinated Hartford's energy program from its inception in 2007 until hiring a full-time Energy Coordinator in 2017. She has a Masters in Community Planning from the University of Maryland, and 39 years of community planning and development experience.

Faith Ingulsrud currently works as a planning coordinator for the Vermont Agency of Commerce and Community Development and was awarded the 2010 Professional Planner of the Year award by the VPA and the Northern New England Chapter of the American Planning Association. A lifelong gardener, she focuses on soil improvement and season extending.

William Keeton is a Professor of Forest Ecology and Forestry at the University of Vermont's (UVM) Rubenstein School of Environment and Natural Resources. At UVM, he is the Co-Director of the Forestry and Wildlife Science Graduate Program and directs the Carbon Dynamics Laboratory and the Vermont Forest Ecosystem Management Demonstration Project. Dr. Keeton's research includes forest carbon management, climate change impacts on forest ecosystems, ecologically-based silvicultural systems, structure and function of old-growth and riparian forests, natural disturbance ecology, restoration ecology, forest biodiversity, and sustainable forest management policy and practice in the U.S. and internationally.

Kelly Lucci is Director of Strategic Initiatives & Engagement at the Vermont Energy Investment Corporation, where her current focus is on re-visioning Efficiency Vermont's efforts to support home weatherization. Prior to joining VEIC, she served on the staff of U.S. Senator Bernie Sanders for six years, and was his Vermont lead on energy and environmental issues. A lifelong Vermonter, Kelly holds a degree in Political Science from Middlebury College and currently resides in her hometown, Fletcher, with her husband and two sons.

Geoff Martin is the Energy Coordinator for the Town of Hartford, working to expand the town-wide energy program for the municipality and the community at large. In his role, he is implementing, monitoring, and developing the town's five-year Energy Action Plan and Comprehensive Energy Plan. His focus is on reducing energy consumption and overall costs, employing new technologies and best practices, and contributing to a cleaner environment. Geoff came to Hartford after completing his Master's in Environmental Sciences at Emory University. Before attending Emory, Geoff worked as a BPI Certified Home Energy Advisor under the Mass Save program, Massachusetts' energy efficiency program.

Johanna Miller is the Energy and Climate Program Director at the Vermont Natural Resources Council and also serves as the coordinator of the Vermont Energy and Climate Action Network (VECAN). In these roles, Johanna works from the grassroots to the Legislature to help advance bold clean energy and climate action progress. Johanna also serves on the Clean Energy Development Fund board, the Vermont Energy Education Program board and the Vermont System Planning Committee. Johanna also served on Governor Scott's Climate Action Commission.

Peggy O'Neill-Vivanco conducts program outreach and coordination at the Transportation Research Center at the University of Vermont. She is the coordinator of the Vermont Clean Cities Coalition, funded by the U.S. Department of Energy, where she brings together stakeholders in the public and private sectors across the state to provide assistance to fleets implementing alternative fuels, advanced fuel vehicles and transportation efficiencies. She holds an MA from New York University. She is a year-round bike commuter and advocate for safe bicycle and pedestrian infrastructure for all users.

Philip Picotte is a utilities analyst at the Vermont Department of Public Service, where he works on energy efficiency and distributed energy resources. Prior to joining the Department, he conducted policy research and quantitative analysis on clean energy, including transportation electrification and renewable thermal technologies. Philip began his career as an energy auditor and regional planner in Southern Vermont.

Andrew Perchlik represents Washington County in the Vermont State Senate. He is also the Director of the Vermont Clean Energy Development Fund (CEDF) located within the Public Service Department. Prior to becoming the CEDF Director in 2009 Andrew was the founder

and executive director of Renewable Energy Vermont (REV). Prior to moving to Vermont Andrew earned a BA in Environmental Politics at the University of Northern Colorado and was an environmental education Peace Corps volunteer in Panama.

Chuck Reiss is the owner of Reiss Building and Renovation, a green construction company, building high performance, net zero energy homes and moving existing homes closer to net zero energy since 1982. Chuck is one of the directors of Building Performance Professionals Association of Vermont, a certified BPI professional and a Home Performance with Energy Star contractor. He is dedicated to getting existing homes off of fossil fuel by a combination of energy efficiency, renewable energy and heat pumps. Chuck is also the chair of the Hinesburg Energy Committee.

Cara Robecheck is the Executive Director of Vermont Energy Education Program (VEEP), a statewide non-profit with a mission of building a deep understanding of energy through education, encouraging choices that result in sustainability in our communities, economy and environment. VEEP works in K-12 schools around the State of Vermont and in parts of New Hampshire doing hands-on science and engineering education with students and providing professional development and support for teachers.

David Roberts is a Senior Consultant at VEIC with more than 20 years of experience in transportation efficiency research and program implementation. He has developed incentive programs to increase auto dealer interest and consumer sales of plug-in electric vehicles and worked with communities, utilities, government agencies and other organizations to advance electric vehicle market transformation and charging infrastructure development. David coordinates the Drive Electric Vermont program, a public-private partnership working to increase adoption of electrified transportation in Vermont. He has a B.S. in Civil Engineering from the University of Virginia and a M.B.A. from the University of Vermont.

Debra Sachs is Executive Director of Net Zero Vermont and a native Vermonter. Deb has managed non-profits, and consulted and advanced numerous planning and sustainability projects in the commercial and transportation sectors, including the Way to Go! School Challenge, and Go! Vermont. Deb oversees a consulting firm, EcoStrategies, LLC providing government, business, and NGO clients with technical assistance in sustainability, planning, public engagement, transpor-

tation efficiency, and renewable energy generation. She serves on the boards of Vermont Rail Action Network, Vermont Transportation Efficiency Network, Sustainable Transportation Vermont and is a co-founding partner of VECAN.

Aiko Schaefer is the Director of the 100% Network, a national network that brings together over 100 local and national non-profit organizations committed to an equitable transition to a clean energy future. Members of the 100% Network include environmental organizations, advocates for good jobs and economic opportunity and leaders working in communities with lower incomes and with people of color. Aiko has worked for over 25 years on public policy development and advocacy on issues ranging from poverty, consumer protection, climate and clean energy, with a particular focus on how these issues intersect and cross-sector stakeholders can collaborate for collective wins. She currently lives in Stowe, Vermont.

Adam Sherman is the manager of the Biomass Energy Resource Center (BERC) housed at the Vermont Energy Investment Corporation. Adam has more than 15 years of experience in the wood heat sector and has directed BERC's technology and wood fuel supply activities for over 12 years. His work focuses on wood energy program design and delivery for various state and federal government agencies and technical consulting services for assessing wood fuels and energy project feasibility. Adam consults frequently for institutions and communities exploring the feasibility of district heating throughout North America. Adam serves on the Advisory Board for the Alliance of Green Heat, as the Chairman of the Northeast Biomass Thermal Working Group and also serves on the Editorial Board of *Biomass Magazine*.

Darren Springer is the General Manager of Burlington Electric Department (BED). Prior to joining BED, Darren served as Chief of Staff for Governor Peter Shumlin. Before working in the Governor's Office, Darren was appointed as Deputy Commissioner at the Vermont Public Service Department, leading the advancement of the 2014 net metering law and 2015 renewable energy standard. Previously, Darren worked in the Washington, D.C. Office of U.S. Senator Bernard Sanders as Senior Policy Advisor for Energy & Environment and, later, as Chief Counsel. Darren has a BA from Florida Atlantic University and earned a JD and Master of Studies in Environmental Law from Vermont Law School.

Kate Stephenson is the chair of the Montpelier Energy Advisory Committee, which leads the Net Zero Montpelier initiative. She is a partner in HELM Construction Solutions, which works with owners, designers and builders to create high performance and sustainable buildings and businesses. Kate has long worked with established and emerging businesses and nonprofits to achieve triple bottom line metrics, develop business systems, and plan for a dynamic and resilient future. She has deep experience in post-secondary education and led the Yestermorrow Design/Build School for over 13 years. Kate also manages the Vermont Farm Fund, a revolving loan fund providing low interest loans to farmers and helped to develop and is a facilitator for NESEA's Building Bottom Lines peer networking program for builders and architects.

Jordan Stutt is the Carbon Programs Director at Acadia Center and leads their work to establish and strengthen regional and state programs to reduce climate pollution with a focus on three related issues: strengthening the Regional Greenhouse Gas Initiative; advancing state-level carbon pricing initiatives; and developing regional climate policy to reduce pollution from the transportation sector through the Transportation & Climate Initiative. Before joining Acadia Center in 2014, Jordan was an Energy Policy Analyst at Pace Energy and Climate Center at Pace Law School. He holds a BS in Environmental Studies and International Relations from Tufts University and a Masters in Environmental Management from the Duke Nicholas School of the Environment.

Kathleen Voigt Walsh (Kathie) has been a member of the Jericho Energy Task Force (her town's energy committee) for seven years. She jumped into weatherization during the Home Energy Challenge which was initiated by Efficiency Vermont in 2012. Along with the active JETF team, she has been working to educate and support her community and advocates for weatherization and improvements in advancing successful weatherization programs ever since.

Peter Walke has served as the Deputy Secretary of the Vermont Agency of Natural Resources since his appointment by Governor Phil Scott in 2017. In this role, Peter served as co-chair of the Vermont Climate Action Commission and is the state's lead point person on the Transportation & Climate Initiative. Prior to returning to Vermont, Peter served for nine years as an intelligence officer in the Navy and then went on to serve the Governor of New York as one of his top environmental advisors and Chief of Staff of the New York Department

of Environmental Conservation. A native of Montpelier, Peter received a Bachelor of Arts from Williams College and a Master of Arts in Applied Geography from the University of Colorado at Colorado Springs.

Bob Walker has been a social, political and community organizer and educator in Vermont for 40 years. Bob was founder and director, Sustainable Energy Resource Group (2001–2015), which started the town energy committee movement in Vermont and co-founded VECAN. Bob founded and chaired the Thetford Energy Committee (2002–2018) and recently stepped off the TEC to form the Thetford Home Energy Action Team (HEAT) to do volunteer assisted weatherization measures in town. Some of Bob's other endeavors include: Project Director, Elizabeth Mine Study Group (1996–2012); Community Outreach Organizer, Vermont Consumer's Energy Co-op (1997–1998); Campaign Organizer & Outreach Coordinator, Vermont Citizens Coalition for Clean Elections (1995–1997); Program Director, EarthRight Institute (1989–1993).

Steven Wisbaum is the founder of Eco-Equipment Supply and the northeast sales representative for Ohio-based Mean Green Products, the first and leading manufacturer of high-performance ("commercial") electric lawn mowers. Steven promotes the substantial environmental and economic benefits of electric lawn care practices. He successfully advocated for the creation of incentives for both residential and commercial electric lawn mowers now offered by most of Vermont's electric utilities under the Tier III Renewable Energy Standard. He is happy to work with elected officials, state employees, energy committees, climate change activists, students, and anybody else who wants to make gas-free lawn care a reality in Vermont.

Li Ling Young is a Senior Energy Consultant with VEIC. After several years in the fledgling home performance industry, fixing up old homes, Li Ling has spent 20 years supporting designers, developers and building owners through Efficiency Vermont. Li Ling's recent efforts have focused on decarbonized homes with high performance new homes and zero energy retrofits of existing homes.

Paul Zabriskie manages energy efficiency programs at Capstone Community Action, working to help individuals and families move out of poverty and advocating for economic justice for all Vermonters. Paul's work includes managing the low-income Weatherization Assistance Program, EnergySmart of Vermont, and 3E Thermal. He advocates for progressive energy policy and social justice as part of an active response to climate challenges.



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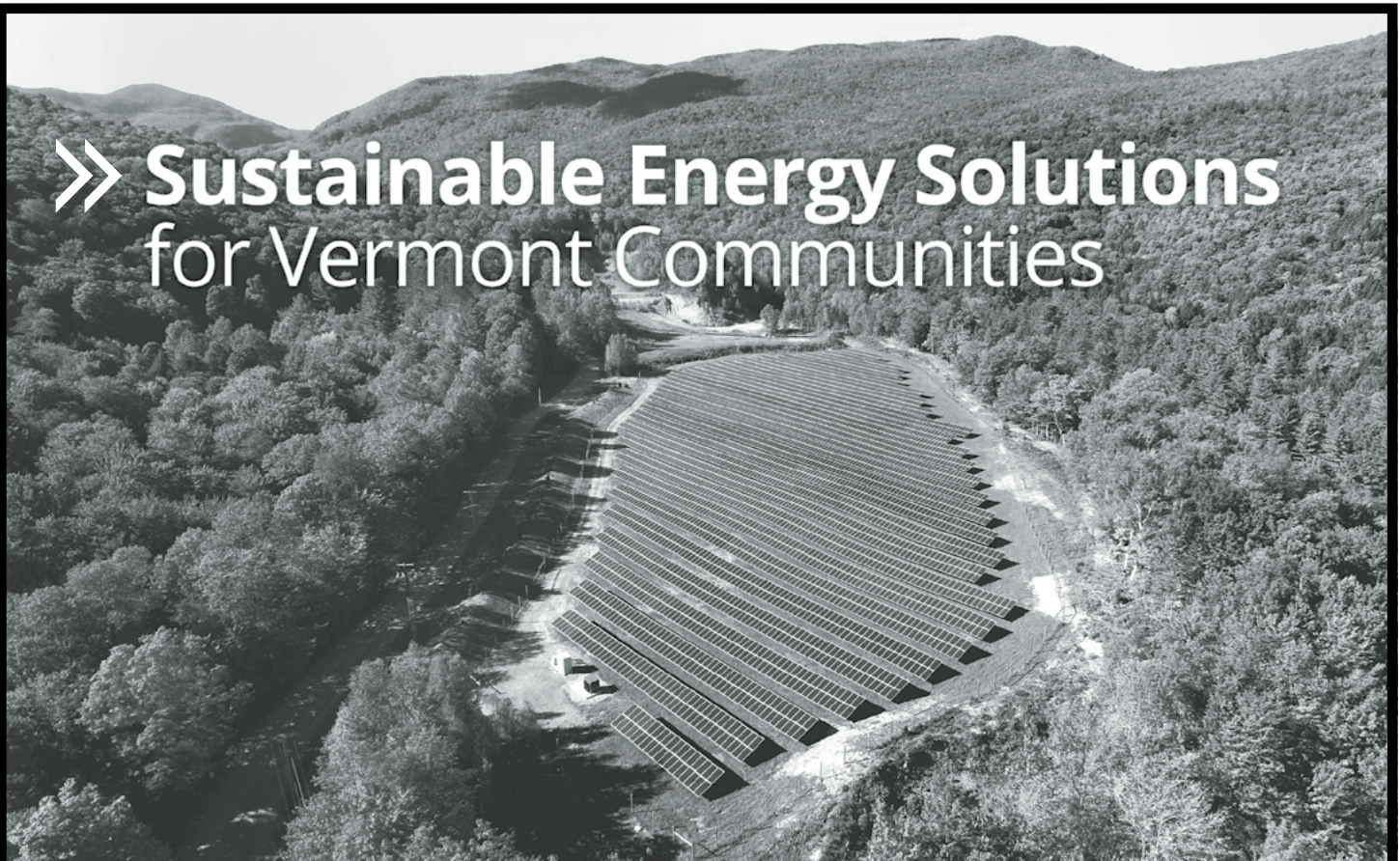
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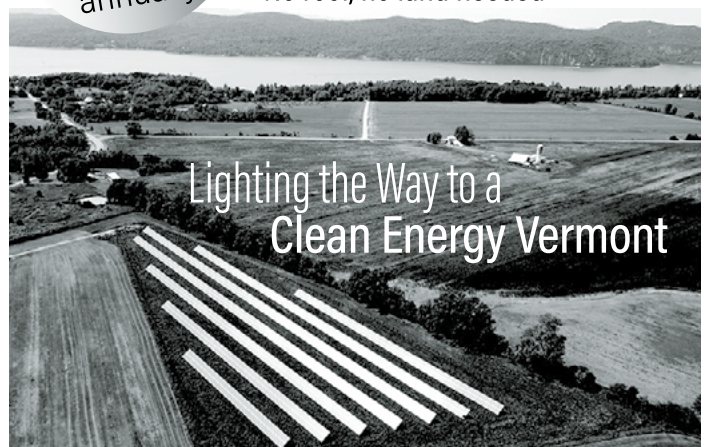
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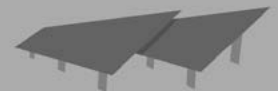
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