



# Behavior, Energy, & Climate Change Conference (BECC)

Nov. 9 online | Nov. 13-16 in Washington, DC | [becconference.org](https://becconference.org)

## BECC 2022 AGENDA

### Engaging All Voices

*Last updated August 4, 2022*



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# BECC 2022 at a Glance

*All times in the U.S. Eastern Time.*

## Wednesday, November 9: Virtual Opening Day

11:30 AM Virtual Opening Reception	12:00 PM Opening Session	1:15 PM Inequity in Income-Qualified Programs	2:15 PM Driving Vehicle Electrification to a More Equitable Future	3:15 PM HERS 2.0+	4:15 PM Adoption of Renewables in International Contexts	5:15 PM Closing
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## Sunday, November 13

## Monday, November 14

8:00 AM - 10:00 AM	Opening Plenary and Keynote				
10:30 AM - 12:00 PM	Lightning: Energy Justice by Design	Utility Challenges of Grid Electrification	Social Science Perspectives on Adaptation and Resilience	New Developments in Evaluation	City-Level Policies to Incentivize Green Travel Choices
1:30 PM - 3:00 PM	Lightning: Charging the Way to the EV Future	Ethnocentric Interfaces and Comfortable Spaces	Ambitious Home Upgrades: Why and How We Do It	Behavior-Informed Policy: From Local to National	Utility Insights on Equitably Engaging Energy Users
3:30 PM - 5:00 PM	Bundling	Race & Invisible	Next-Gen	Climate Change	Solutions Session



	Renewables and Electrification with Building Upgrades	Taxes	Engagement Strategies	Perceptions: Resilience	
5:15 PM - 6:45 PM	Poster Reception				

## Tuesday, November 15

8:00 AM - 10:00 AM	Spotlight Session 1		Spotlight Session 2		
10:30 AM - 12:00 PM	Lightning: Social Science Insights	Climate Urbanism and Just Transitions	Customers as the Gateway to Decarbonization	Home Energy Score / Assessments	Equitably Implementing Initiatives in Hard-to-Reach Communities
1:30 PM - 3:00 PM	Lightning: Municipalities, Universities, Schools, and Hospitals (MUSH)	Systems Approach to Valuing Equity in Organizations	Electric Vehicle Adoption	Local Control of Energy	Behavioral Strategies in Virtual Technical Training Programs
3:30 PM - 5:00 PM	Strategies to Increase Community Solar Access	Energy Insecurity	Social Science of Changing Behavior in Building	Tying It All Together: Organizations, Occupants, and Operators	Solutions Session: City of Minneapolis, Switching from Gas to Induction Ranges
5:15 PM - 6:15 PM	BECC Film Festival				



## Wednesday, November 16

8:30 AM - 10:00 AM	Achieving Higher Demand Response Savings	Making More Ends Meet	Overcoming Barriers to EV Adoption	Values and Affect in Climate and Energy Programs	The Good, the Bad and the Ugly of Carbon Policy
10:30 AM - 12:00 PM	Closing Plenary				





# BECC 2022 Detailed Agenda

*Confirmed speakers only. Document will be updated as additional speakers are confirmed.*

## Wednesday, November 9: Virtual Opening Day

11:30 AM	<b>Virtual Opening Reception</b>		
12:00 PM	<b>Virtual Opening Keynote</b>		
1:15 PM - 2:00 PM	<b>Panel Discussion: Inequity in Income-Qualified Programs: Empowering stakeholders to co-create solutions</b> Moderator: Mekha Abraham, Project Manager, TRC / Oregon Multifamily Energy Program Panelists: <ul style="list-style-type: none"><li>• Nicole Wroblewski, Associate Director, TRC</li><li>• Dan Elliott, Senior Policy Analyst, Oregon Housing and Community Services</li><li>• Quinn Parker, CEO, Encolor</li><li>• Sepideh Rezania, Principal Consultant, Unrooz Solutions</li></ul>		
2:00 PM - 2:15 PM	<b>Break/Meet the Speakers</b>		
2:15 PM - 3:00 PM	<b>Driving Vehicle Electrification to a More-Equitable Future</b>		
	Getting Electric Vehicles into Rural, Low-Income, and BIPOC Communities	Nick Neverisky	VEIC
	Emissions Impact of Electric Vehicle Adoption on Disadvantaged Communities	Xinwei Li	University of California, Davis
3:00 PM - 3:15 PM	<b>Break/Meet the Speakers</b>		
3:15 PM - 4:00 PM	<b>HERS 2.0+</b>		



	Beyond the One-Year Measure Life: Applying Behavioral Persistence Research to Utility HER Programs	Beth Fitzjarrald	E Source
	NYSEG and RG&E Behavior Program AB Testing	Katie Desimone	AVANGRID
	Marked as Spam: Understanding the Impacts and Drawbacks of Digital-Only HER Programs	Riana Johnson	ILLUME Advising
	Ctrl-Shift-Demand: Using Behavioral Engagement to Help Customers Control and Shift Their Energy Use during Peak Periods	Russell Meyer	Oracle / Opower
	Providing Homeowners Objective Information on the Rebound Effect	William Hughes	Guidehouse Insights
4:00 PM - 4:45 PM	<b>Adoption of Renewables in International Contexts</b>		
	Overcoming Energy Poverty in Mexico through Solar Energy: An S4 Framework	Citlaly Perez	Tecnologico de Monterrey
	Living Labs for Efficient Grid-Interactive Affordable Housing in India	Craig Burton	GBPN.org and Monash University
	Building Understanding of the Equity Solar Market: Lessons Learned from the Solar on Multifamily Affordable Housing Program	Jamie Orose	Center for Sustainable Energy
	Willingness to Invest in PV Battery Systems - Which Factors Promote and Which Inhibit Investment? A Representative Study of German Homeowners	Jessica Berneiser	Fraunhofer Institute for Solar Energy Systems ISE



	Behavior Change in Energy Adoption: How Can Off-Grid Products Gain Adoption Beyond Early Adopters?	Laura Botero	RTI International
4:45 PM - 5:00 PM	<b>Break/Meet the Speakers</b>		
5:00 PM - 5:30 PM	<b>Closing Plenary/Closing Remarks</b>		


## Sunday, November 13

1:00 PM - 5:00 PM <i>Exact time TBD</i>	<b>Pre-Conference Workshop</b> Engaging All Voices in the Face of High Conflict, Apathy or Perceived Non-emergent Issues
1:00 PM - 5:00 PM <i>Exact time TBD</i>	<b>Pre-Conference Workshop</b> Energy Management Systems: Behavior and Organizational Change Strategies to Optimize Energy and Carbon Performance
5:00 PM - 6:00 PM	<b>Opening Reception</b> Enjoy wine and dessert while meeting fellow conference goers and participate in a fun activity to help you build your network and impact! It's a great opportunity to make early connections with colleagues old and new and hear great tips on how to get the most out of your time at BECC!

## Monday, November 14

7:00 AM - 8:00 AM	<b>Yoga</b>
7:30 AM - 8:30 AM	<b>Continental Breakfast</b>



8:30 AM - 10:00 AM	<b>Welcome and Opening Keynote</b>  Debra Gore-Mann is president and CEO of the Greenlining Institute, an organization working at the intersections of the climate, economic, and racial justice movements toward a future where race is never a barrier to opportunity. As BECC’s opening keynote speaker, Debra will be speaking about changing collective behavior to fight racism and solve climate change.			
10:00 AM - 10:30 AM	Break			
10:30 AM - 12:00 PM	<b>Lighting: Energy Justice by Design</b>			
	Beyond Tips: Leveraging Utility Funding to Combine Conservation Education & Outreach for Low-Income Households	Amy Brown	Energy Outreach Colorado	
	Equity, Empowerment, and Engagement in Minnesota	Maddie Koolbeck	Slipstream	
	Empowering Community Engagement in Energy - Building Hawaii's Energy Equity Hui	Denise Nakamura	Hawaii Energy	
	<b>Utility Challenges of Grid Electrifications</b>			
	Can the Grid Handle Increased Building and Transportation Electrification?	Karen Maoz	Kevala, Inc.	
	<b>Social Science Perspectives on Adaptation and Resilience</b>			
	Psychological Effects of Municipal Resilience Planning on Citizens	Jess Lasoff-Santos	University of Michigan	
	<b>New Developments in Evaluation</b>			



	The Road to New Metrics: Evaluating Utility Programs Based on GHG Emissions	Barb Ryan	Applied Energy Group
	Apples to Apples: A Meta-Analysis of Home Energy Reports and the Case for More Consistent Reporting	Matt Galport	ILLUME Advising
	Smart Thermostats: Could We Be Saving More?	Melissa Kosla	ADM Associates, Inc.
	Ongoing Measurement and Verification: Optimizing a Laboratory Building's Energy Performance through Behavioral Interventions	Vinay Ghatti	Willdan
	<b>Panel Discussion: City-Level Policies to Incentivize Green Travel Choices</b> Moderator: Allen Greenberg, USDOT/FHWA Panelists: <ul style="list-style-type: none"> <li>• Michael Grant, Vice President, ICF</li> <li>• Cheryl Cort, Policy Director, Coalition for Smarter Growth</li> <li>• Allen Greenberg, Senior Policy Analyst, USDOT/FHWA</li> </ul>		
12:00 PM - 1:30 PM	Lunch		
1:30 PM to 3:00 PM	<b>Lightning: Charging the Way to the EV Future</b>		
	Assessing the Expansion and Impacts of Electric Vehicle Charging Station Network	Bandana Kar	Oak Ridge National Laboratory
	Equity in Transportation Decarbonization: Impact of Race, Ethnicity, and Income on Access to Electric Vehicles in California	Eleanor Hennessy	Stanford University



Do Public EV Charging Investments Increase EV Ownership? Effects on Neighboring Households	Jim Stewart	Cadmus
Fast-Charging Facilities in Communities: A Contextual Approach	Muhammad Talal Khalid	Urbana-Champaign
Increasing EV Charging Infrastructure in India	Raquel Soat	RMI (Rocky Mountain Institute)
Stressing the Need for Reliable Electric Vehicle Chargers by Addressing Unsuccessful and Critical Charging Sessions	Vaishnavi Karanam	Institute of Transportation Studies at UC Davis
<b>Ethnocentric Interfaces and Comfortable Spaces</b>		
Designing Better Buildings with and for Older Adults: Building Interfaces and Safety in Senior Living Communities	Shelby Ruiz	Washington State University
<b>Ambitious Home Upgrades: Why and How We Do It</b>		
Building the Bridge to a Whole-Home Approach: DTE's Energy Efficiency Assistance Program	Chris Ross	ICF
Automating the Smart Home for Scalable Behavioral Savings	Jessica Bergman	Google Nest
<b>Behavior-Informed Policy: From Local to National</b>		
Carrot Cake for Everyone: Local Governments Accelerating Climate Action	Kathy Kuntz	Dane County Office of Energy & Climate Change
Variegated Risk Perceptions and Policy	Melissa Tier	Princeton University



	Preferences Among Multi-Level U.S. Climate Adaptation Governance Actors		
	The Local Energy Transition: Perspectives on Community Energy Management in Wisconsin	Mikhaila Calice	University of Wisconsin-Madison
	<b>Panel Discussion: Utility Insights on Equitably Engaging Energy Users</b> Moderator: Kira Ashby, Consortium for Energy Efficiency (CEE) Panelists: <ul style="list-style-type: none"> <li>• Tracy Scott, Director of Energy Programs, Energy Trust of Oregon</li> <li>• Dantawn Nicholson, Senior Energy Efficiency Journey Coordinator, Commonwealth Edison</li> <li>• Sofia Jenssen, Program Assistant, Center for Equity and Energy Behavior at CEE</li> </ul>		
3:00 PM - 3:30 PM	Break		
3:30 PM - 5:00 PM	<b>Bundling Renewables and Electrification with Building Upgrades</b>		
	Behavior-based Programs - Residential Programs	Alex Bradley	C+C
	Changing Contractor Behavior in the Age of Decarbonization	Ellen Steiner	Opinion Dynamics
	<b>Race and Invisible Taxes</b>		
	How Does the Presence of Racial Historical Context Affect the Prevalence of Colorblind Ideology in Distributive Justice Decision Making for Climate Adaptation?	Bethany Gordon	University of Washington
	Equitably Decarbonizing the Bryant Neighborhood - Resident-Centered, Just	Missy Stults	City of Ann Arbor



	Climate Action		
	Charged Up on Policy: Lessons in History Guide Future Legislation of Charging Infrastructure Planning	Taylor Patterson	ICF
	<b>Next-Gen Engagement Strategies</b>		
	Filling the Void: How to Communicate on Climate in a World of Distrust	Darrin Kayser	Edelman
	<b>Climate Change Perceptions: Resilience</b>		
	Understanding Feelings about and Helping Behaviors toward Climate Refugees	Jeremy Becker	Saint Louis University
	<b>Solutions Session</b>		
5:15 PM - 6:45 PM	<b>Poster Reception</b>		
7:00 PM	<b>Social Event</b>		

## Tuesday, November 15

7:00 AM - 8:00 AM	<b>Continental Breakfast</b>
	<b>Yoga</b>
8:00 AM - 10:00 AM	<b>Spotlight Sessions or Plenary Session</b> <i>Session details coming soon!</i>
10:00 AM - 10:30 AM	Break





10:30 AM - 12:00 PM	<b>Lightning: Social Science Insights</b>		
	Information-Incentive Interactions and Consumer Demand for Energy Efficiency	Anjali Narang	Cornell University
	Reducing Greenhouse Gas Emissions: Using Community-Based Social Marketing to Identify Targets for Behavior Change	Elizabeth Ross	Colorado State University
	Save Carbon, Save Forest, or Save Nothing: Comparing Effectiveness of Environmental Messaging on Household Energy Behavior	Hannah Curcio	Colorado State University
	Testing Energy Social Norms in a Post-Soviet Environment: Results from a Large-Scale Randomized Field Experiment in Moldova	Marcos Pelenur	The Behavioral Insights Team
	Naturalness in Decision Making: Predicting Support of Eco-Technology	Sarah Coffin	University of Colorado Boulder
	<b>Climate Urbanism and Just Transitions</b>		
	Examining Energy Equity and the Underlying Socioeconomic Conditions in the Context of Urban Heat Island to Address Energy Justice	Bandana Kar	Oak Ridge National Laboratory
	Intersections of Disadvantaged Communities and Renewable Energy Potential: Data Set and Analysis to Inform Equitable Investment Prioritization in the United States	Elizabeth Ross	National Renewable Energy Laboratory
	Equity Implications for Electrification of Multifamily Complexes in California	Hal Nelson	Res-Intel



	<b>Customers as the Gateway to Decarbonization</b>		
	Hello Alexa, Is It TOU You're Looking For?	Monica Thilges	APTIM
	<b>Home Energy Score / Assessments</b>		
	Remote Home Energy Assessments: Current Status and How Behavioral Science Can Be Applied	Emma Cooper	ACEEE
	MyHEAT: A Behavioral Tool to Boost Residential Energy Efficiency Program Engagement	Gillian Ward	MyHEAT Imagery Inc.
	Connecticut Department of Energy Home Energy Score Initiative	John Karyczak	Avangrid
	<b>Panel Discussion: Equitably Implementing Initiatives in Hard-to-Reach Communities</b> Moderator: Courtney Henderson, Energy Consultant Panelists: <ul style="list-style-type: none"> <li>• Hale Forster, Independent Consultant</li> <li>• Steve Frisch, Executive Director, Sierra Business Council</li> <li>• Tony Pastore, Energy Business Development &amp; Member Agency Services, Central Coast Community Energy</li> </ul>		
12:00 PM - 1:30 PM	<b>Lunch</b>		
1:30 PM to 3:00 PM	<b>Lightning: Municipalities, Universities, Schools, and Hospitals (MUSH)</b>		
	Engaging All Voices: How Top-Down and Bottom-Up Stakeholder Engagement Increases Success of Utility Savings in School Districts	Auriane Koster	Fusebox (powered by Pierce Energy Planning)



	Decarbonization: Resources and Recognition Opportunities from DOE	Mariana Egea-Casaldus	U.S. Department of Energy
	Decarbonizing Alberta Municipalities: Energy Management, Equity, and Behavioural Change	Prashant Patel	CLEAResult Consulting Inc.
	Vintage to Vogue: A Case Study Roadmap for Decarbonizing Existing Building Stock	Vinay Ghatti	Willdan
	<b>Systems Approach to Valuing Equity in Organizations</b>		
	Saving Energy and Dismantling White Male Privilege: Increasing Engagement in SEM Through an Intersectional Approach	Kim Levan	Energy 350, Inc.
	Using Systems Thinking to Create Organizational Change for Sustainable Equitable Outcomes	Victor Yagi	Seattle City Light
	<b>Electric Vehicle Adoption</b>		
	Analysis of the EV Charging Process from the User's Perspective	Clemens Marggraf	University of Surrey
	Resilience in the ZEV Market during COVID-19	Meghna Eluganti	Center for Sustainable Energy
	Are Electric Vehicles (EV) and Solar Photovoltaics (PV) Independent or Interdependent? An Integrated EV-PV Modeling Framework	Shivam Sharda	Lawrence Berkeley National Laboratory
	<b>Local Control of Energy</b>		



	Stanford Shines: A Decade-Long Decarbonization Journey ... and We've Just Gotten Started	Lincoln Bleveans	Stanford University
	Beyond Rates: Communicating the Benefits of Community Energy when Rates Are Higher	Rebecca Ford	See Change Institute
	<b>Panel Discussion: Behavioral Strategies in Virtual Technical Training Programs</b> Moderator: Graziella Siciliano, DOE Panelists: <ul style="list-style-type: none"> <li>• Michael Socks, VEIC</li> <li>• Mike Umbriani, Energy Manager, InterContinental Times Square</li> <li>• Anne Joiner, Stillwater Energy</li> <li>• Howard O'Kelly, Energy Manager, Dassault Systemes</li> </ul>		
3:00 PM - 3:30 PM	Break		
3:30 PM - 5:00 PM	<b>Energy Insecurity</b>		
	Inclusive Eco Financing: Who Is Participating and Why?	Anne Arquit Niederberger	Enervee
	Energy Burdens, Energy Equity, and Efficiency Deserts	Karen Ehrhardt-Martinez	ICF
	<b>Social Science of Changing Behavior in Buildings</b>		
	Testing Energy Labeling in Rental Listings	Jacqui Bauer	RentLab
	Long-Term Behavior Change in Energy: Lessons from Success in Health and Tech	Nehan Naim	SUNY-ESF



	Nudging Energy-Saving Behaviours in Tertiary Buildings	Rabab Akkouche	Mines Paristech
	<b>Tying It All Together: Organizations, Occupants, and Operators</b>		
	Organizational Behavior Insights from 50001-Ready Technical Assistance Cohorts	Heidi Fuchs	Lawrence Berkeley National Laboratory
	<b>Panel Discussion: Strategies to Increase Community Solar Access</b> Moderator: Sandy Fazeli, National Association of State Energy Offices Panelists: <ul style="list-style-type: none"> <li>• Nicole Steele, Senior Advisor for Energy Justice &amp; Workforce, U.S. Department of Energy</li> <li>• Chris Nichols, Senior Program Director. Groundswell</li> <li>• Daniel White, Energy Program Specialist, District Department of Energy and Environment</li> </ul>		
	<b>Solutions Session – Help Solve a Real-World Problem for the City of Minneapolis: Encouraging Switching from Gas to Induction Cooktops</b>  We're gathering thought leaders from across industries and sectors to solve a real-world climate issue: encouraging homeowners to replace their gas stoves with induction cooktops. The City of Minneapolis is working to shift residential energy use from gas to electricity to support its goal of carbon-free energy, but it's challenging to encourage homeowners to switch to new induction cooktops. At this year's solutions session, participants will collaborate to develop an evidence-based solution to this problem, leveraging what we know about human behavior and the factors that motivate it. <div data-bbox="1680 761 1881 967" data-label="Image"> </div>		
5:15 PM - 6:00 PM	<b>Film Festival</b> Hosted by: Bill LeBlanc, President, LeBlanc Energy Innovation		
7:30 PM	<b>Networking Dinners</b>		



## Wednesday, November 16

7:00 AM - 8:00 AM	<b>Yoga</b>		
7:30 AM - 8:30 AM	<b>Continental Breakfast</b>		
8:30 AM to 10:00 AM	<b>Making More Ends Meet</b>		
	An Additional Benefit of Increasing Energy Efficiency Participation, Decreasing Late Payments	Meghan O'Connor	Eversource
	Bringing Community Perspectives to Community Solar: Expanding Equitable Community Solar by Centering Industry and Community Priorities	Zahra Thani	Solstice Initiative
	<b>Overcoming Barriers to EV Adoption</b>		
	The Race to Zero-Emission Freight: Hurdles to Electrification in the Heavy-Duty Trucking Sector	Claire Sugihara	Plug-in Hybrid and Electric Vehicle Research Center
	Driving Equitable Solutions to Increase EV Adoption in Multifamily Communities	Kyle Rodriguez	E Source
	Once Consumers Adopt an Electric Vehicle, Do They Go Back? How Many, Why, and What Are the Policy Implications?	Rubal Dua	KAPSARC
	<b>Values and Affect in Climate and Energy Programs</b>		
	The Effects of Aesthetic Distortion on	Calvin	Princeton University



	Consumer Disposal Decisions	Spanbauer	
	The Environmentalist Behavior Scientist: Identifying and Creating Opportunities For Action	Jessica Ghai	Boston University
	<b>Panel Discussion: Achieving Higher Demand Response Savings</b> Moderator: Colin Gibbs, Sense Panelists: <ul style="list-style-type: none"> <li>• George Zavaliagkos, VP Technology &amp; Data Science, Sense</li> <li>• Elliott Marks, Head of Project Management Office, Partnerships, OhmConnect</li> </ul>		
	<b>Panel Discussion: The Good, the Bad, and the Ugly of Carbon Policy</b> Moderator: Amy Schmidt, American Chemistry Council Panelists: <ul style="list-style-type: none"> <li>• Josh Jacobs, Director of Sustainability, WAP Sustainability</li> <li>• Jeff Hansbro, Advocacy Director, Dupont</li> </ul> Luke Leung, Principal, Skidmore, Owings, and Merrill		
10:00 AM - 10:30 AM	Break		
10:30 AM - 12:00 PM	<b>Closing Plenary</b>  Dr. Tony G. Reames, Deputy Director for Energy Justice, U.S. Department of Energy <div data-bbox="1638 980 1837 1182" data-label="Image"> </div>		



# Our Keynote Speakers

## Opening Keynote

*Debra Gore-Mann, President and CEO, The Greenlining Institute*

BECC is proud to have Debra Gore-Mann as the opening keynote speaker at the 2022 BECC Conference. Debra is the president and CEO of The Greenlining Institute, an organization working at the intersections of the climate, economic, and racial justice movements toward a future where race is never a barrier to opportunity. At BECC, Debra will speak about changing collective behavior to fight racism and solve climate change. We're thrilled to be hearing from such an esteemed expert in racial equity, transforming individual and collective behaviors, and ethically leading mission-driven organizations.



## Closing Keynote

*Dr. Tony G. Reames, Deputy Director for Energy Justice, U.S. Department of Energy*

BECC is proud to have Dr. Tony G. Reames, Deputy Director for Energy Justice at the U.S. Department of Energy, as our closing keynote speaker. *More information about his presentation is coming soon.*





# Networking Opportunities

## Opening Reception

**Sunday 5:00 PM - 6:00 PM**

Enjoy wine and dessert while meeting fellow conference goers and participate in a fun activity to help you build your network and impact! It's a great opportunity to make early connections with colleagues old and new and hear some great tips on how to get the most out of your time at BECC!

## Morning All-Levels Running

**Monday - Wednesday 6:30 AM - 7:15 AM**

Roll out of bed and start your day on the right foot and then your left foot (repeat). Not in shape? Not a problem! All levels of running (in)ability are welcome! Meet for prompt departure from the main hotel entrance at 6:30 AM. Depending on turnout, we may do some self-sorting of groups for length and/or pace.

## Yoga

**Monday - Wednesday 7:00 AM - 7:45 AM**

Need to stretch, breathe, and get your blood flowing? Join our very own Karen Ehrhardt-Martinez for an all-levels vinyasa (flow) yoga practice. Class begins promptly at 7:00 AM, so please arrive 5-10 minutes early. Beginners welcome.

## BECC Breakroom

**Monday - Wednesday**

Come relax in our BECC Breakroom. This is a TECH-FREE ZONE - no computers or phones, please. What can you do instead? Rest, talk, meditate, color, write a note to a friend or colleague, or just be. It's a great place to let your mind rest and wander and maybe even meet somebody new!



## BECC Evening Social

### After the Poster Session

Join the best and brightest BECC attendees for (no-host) drinks and lively conversation following Monday night's poster reception. Grab dinner on your own and join us at TBD location for a drink. Don't miss it!

## Networking Dinners

### After the Film Festival

Back by popular demand, we've made reservations at several restaurants less than a mile from the conference hotel for Tuesday night! Options vary by price and cuisine, so you're sure to find something you like. All dinners are no-host and restaurants have agreed to split checks. Signups coming soon.

## Topic Pathways

*We've created equity, transportation, social science, utilities/renewables, technology, and design/evaluation topic tracks to help you decide among our 50+ conference sessions. Choose your own adventure!*



## Equity


Wednesday, November 9

11:30 AM	<b>Virtual Opening Reception</b>
1:15 PM - 2:00 PM	<b>Panel Discussion: Inequity in Income-Qualified Programs: Empowering Stakeholders to Co-create Solutions</b> Moderator: Mekha Abraham, Project Manager, TRC / Oregon Multifamily Energy Program Panelists:



	<ul style="list-style-type: none"> <li>• Nicole Wroblewski, Associate Director, TRC</li> <li>• Dan Elliott, Senior Policy Analyst, Oregon Housing and Community Services</li> <li>• Quinn Parker, CEO, Encolor</li> <li>• Sepideh Rezania, Principal Consultant, Unrooz Solutions</li> </ul>
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## Monday, November 14

8:30 AM - 10:00 AM	<b>Welcome and Opening Keynote</b>  Debra Gore-Mann is president and CEO of the Greenlining Institute, an organization working at the intersections of the climate, economic, and racial justice movements toward a future where race is never a barrier to opportunity. As BECC's opening keynote speaker, Debra will speak about changing collective behavior to fight racism and solve climate change.			
10:30 AM - 12:00 PM	<b>Lighting: Energy Justice by Design</b>			
	Beyond Tips: Leveraging Utility Funding to Combine Conservation Education & Outreach for Low-Income Households	Amy Brown	Energy Outreach Colorado	
	Equity, Empowerment, and Engagement in Minnesota	Maddie Koolbeck	Slipstream	
1:30 PM - 3:00 PM	Empowering Community Engagement in Energy - Building Hawaii's Energy Equity Hui	Denise Nakamura	Hawaii Energy	
	<b>Ethnocentric Interfaces and Comfortable Spaces</b>			
	Designing Better Buildings with and for Older Adults: Building Interfaces and Safety in Senior Living Communities	Shelby Ruiz	Washington State University	



3:30 PM - 5:00 PM	<b>Race and Invisible Taxes</b>		
	How Does the Presence of Racial Historical Context Affect the Prevalence of Colorblind Ideology in Distributive Justice Decision Making for Climate Adaptation?	Bethany Gordon	University of Washington
	Equitably Decarbonizing the Bryant Neighborhood - Resident-Centered, Just Climate Action	Missy Stults	City of Ann Arbor
	Charged Up on Policy: Lessons in History Guide Future Legislation of Charging Infrastructure Planning	Taylor Patterson	ICF

Tuesday, November 15

10:30 AM - 12:00 PM	<b>Climate Urbanism and Just Transitions</b>		
	Examining Energy Equity and the Underlying Socioeconomic Conditions in the Context of Urban Heat Island to Address Energy Justice	Bandana Kar	Oak Ridge National Laboratory
	Intersections of Disadvantaged Communities and Renewable Energy Potential: Data Set and Analysis to Inform Equitable Investment Prioritization in the United States	Elizabeth Ross	National Renewable Energy Laboratory
	Equity Implications for Electrification of Multifamily Complexes in California	Hal Nelson	Res-Intel
	<b>Panel Discussion: Equitably Implementing Initiatives in Hard-to-Reach Communities</b>		



	<p>Moderator: Courtney Henderson, Energy Consultant</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>• Hale Forster, Independent Consultant</li> <li>• Steve Frisch, Executive Director, Sierra Business Council</li> <li>• Tony Pastore, Energy Business Development &amp; Member Agency Services, Central Coast Community Energy</li> </ul>		
1:30 PM - 3:00 PM	<b>Systems Approach to Valuing Equity in Organizations</b>		
	Saving Energy and Dismantling White Male Privilege: Increasing Engagement in SEM Through an Intersectional Approach	Kim Levan	Energy 350, Inc.
	Using Systems Thinking to Create Organizational Change for Sustainable Equitable Outcomes	Victor Yagi	Seattle City Light
3:00 PM - 5:00 PM	<b>Energy Isecurity</b>		
	Inclusive Eco Financing: Who Is Participating and Why?	Anne Arquit Niederberger	Enervee
	Energy Burdens, Energy Equity, and Efficiency Deserts	Karen Ehrhardt-Martinez	ICF

## Wednesday, November 16

8:30 AM - 10:00 AM	<b>Making More Ends Meet</b>		
	An Additional Benefit of Increasing Energy Efficiency Participation - Decreasing Late	Meghan O'Connor	Eversource



	Payments		
	Bringing Community Perspectives to Community Solar: Expanding Equitable Community Solar by Centering Industry and Community Priorities	Zahra Thani	Solstice Initiative

## Transportation

Wednesday, November 9: Virtual Opening Day

2:15 PM - 3:00 PM	<b>Driving Vehicle Electrification to a More-Equitable Future</b>		
	Getting Electric Vehicles into Rural, Low-Income, and BIPOC Communities	Nick Neverisky	VEIC
	Emissions Impact of Electric Vehicle Adoption on Disadvantaged Communities	Xinwei Li	University of California, Davis
3:00 PM - 3:15 PM	<b>Break/Meet the Speakers</b>		

Monday, November 14

1:30 PM to 3:00 PM	<b>Lightning: Charging the Way to the EV Future</b>		
	Assessing the Expansion and Impacts of Electric Vehicle Charging Station Network	Bandana Kar	Oak Ridge National Laboratory
	Equity in Transportation Decarbonization: Impact of Race, Ethnicity, and Income on	Eleanor Hennessy	Stanford University



	Access to Electric Vehicles in California		
	Do Public EV Charging Investments Increase EV Ownership? Effects on Neighboring Households	Jim Stewart	Cadmus
	Fast-Charging Facilities in Communities: A Contextual Approach	Muhammad Talal Khalid	Urbana-Champaign
	Increasing EV Charging Infrastructure in India	Raquel Soat	RMI (Rocky Mountain Institute)
	Stressing the Need for Reliable Electric Vehicle Chargers by Addressing Unsuccessful and Critical Charging Sessions	Vaishnavi Karanam	Institute of Transportation Studies at UC Davis

Tuesday, November 15

1:30 PM to 3:00 PM	<b>Electric Vehicle Adoption</b>		
	Analysis of the EV Charging Process from the User's Perspective	Clemens Marggraf	University of Surrey
	Resilience in the ZEV Market during COVID-19	Meghna Eluganti	Center for Sustainable Energy
	Are Electric Vehicles (EV) and Solar Photovoltaics (PV) Independent or Interdependent? An Integrated EV-PV Modeling Framework	Shivam Sharda	Lawrence Berkeley National Laboratory
	<b>Local Control of Energy</b>		



	Stanford Shines: A Decade-Long Decarbonization Journey ... and We've Just Gotten Started	Lincoln Bleveans	Stanford University
	Beyond Rates: Communicating the Benefits of Community Energy when Rates Are Higher	Rebecca Ford	See Change Institute

Wednesday, November 16

8:30 AM to 10:00 AM	<b>Overcoming Barriers to EV Adoption</b>		
	The Race to Zero-Emission Freight: Hurdles to Electrification in the Heavy-Duty Trucking Sector	Claire Sugihara	Plug-in Hybrid and Electric Vehicle Research Center
	Driving Equitable Solutions to Increase EV Adoption in Multifamily Communities	Kyle Rodriguez	E Source
	Once Consumers Adopt an Electric Vehicle, Do They Go Back? How Many, Why, and What Are the Policy Implications?	Rubal Dua	KAPSARC

## Social Science

Monday, November 14

10:30 AM - 12:00 PM	<b>Social Science Perspectives on Adaptation and Resilience</b>
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	Psychological Effects of Municipal Resilience Planning on Citizens	Jess Lasoff-Santos	University of Michigan
3:30 PM - 5:00 PM	<b>Climate Change Perceptions: Resilience</b>		
	Understanding Feelings about and Helping Behaviors toward Climate Refugees	Jeremy Becker	Saint Louis University

Tuesday, November 15

10:00 AM - 10:30 AM	Break		
10:30 AM - 12:00 PM	<b>Lightning: Social Science Insights</b>		
	Information-Incentive Interactions and Consumer Demand for Energy Efficiency	Anjali Narang	Cornell University
	Reducing Greenhouse Gas Emissions: Using Community-Based Social Marketing to Identify Targets for Behavior Change	Elizabeth Ross	Colorado State University
	Save Carbon, Save Forest, or Save Nothing: Comparing Effectiveness of Environmental Messaging on Household Energy Behavior	Hannah Curcio	Colorado State University
	Testing Energy Social Norms in a Post-Soviet Environment: Results from a Large-Scale Randomized Field Experiment in Moldova	Marcos Pelenur	The Behavioral Insights Team
	Naturalness in Decision Making: Predicting Support of Eco-Technology	Sarah Coffin	University of Colorado Boulder
3:30 PM - 5:00 PM	<b>Social Science of Changing Behavior in Buildings</b>		



	Testing Energy Labeling in Rental Listings	Jacqui Bauer	RentLab
	Long-Term Behavior Change in Energy: Lessons from Success in Health and Tech	Nehan Naim	SUNY-ESF
	Nudging Energy-Saving Behaviours in Tertiary Buildings	Rabab Akkouche	Mines Paristech

Wednesday, November 16

8:30 AM to 10:00 AM	<b>Values and Affect in Climate and Energy Programs</b>		
	The Effects of Aesthetic Distortion on Consumer Disposal Decisions	Calvin Spanbauer	Princeton University
	The Environmentalist Behavior Scientist: Identifying and Creating Opportunities For Action	Jessica Ghai	Boston University
	<b>Panel Discussion: The Good, the Bad, and the Ugly of Carbon Policy</b> Moderator: Amy Schmidt, American Chemistry Council Panelists: <ul style="list-style-type: none"> <li>• Josh Jacobs, Director of Sustainability, WAP Sustainability</li> <li>• Jeff Hansbro, Advocacy Director, Dupont</li> <li>• Luke Leung, Skidmore, Owings, and Merrill, Principal</li> </ul>		

## Utilities and Renewables

Wednesday, November 9: Virtual Opening Day

3:15 PM - 4:00 PM	<b>HERS 2.0+</b>
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	Beyond the One-Year Measure Life: Applying Behavioral Persistence Research to Utility HER Programs	Beth Fitzjarrald	E Source
	NYSEG and RG&E Behavior Program AB Testing	Katie Desimone	AVANGRID
	Marked as Spam: Understanding the Impacts and Drawbacks of Digital-Only HER Programs	Riana Johnson	ILLUME Advising
	Ctrl-Shift-Demand: Using Behavioral Engagement to Help Customers Control and Shift Their Energy Use during Peak Periods	Russell Meyer	Oracle / Opower
	Providing Homeowners Objective Information on the Rebound Effect	William Hughes	Guidehouse Insights
4:00 PM - 4:45 PM	<b>Adoption of Renewables in International Contexts</b>		
	Overcoming Energy Poverty in Mexico through Solar Energy: An S4 Framework	Citlaly Perez	Tecnologico de Monterrey
	Living Labs for Efficient Grid-Interactive Affordable Housing in India	Craig Burton	GBPN.org and Monash University
	Building Understanding of the Equity Solar Market: Lessons Learned from the Solar on Multifamily Affordable Housing Program	Jamie Orose	Center for Sustainable Energy
	Willingness to Invest in PV Battery Systems - Which Factors Promote and Which Inhibit Investment? A Representative Study of German Homeowners	Jessica Berneiser	Fraunhofer Institute for Solar Energy Systems ISE



	Behavior Change in Energy Adoption: How Can Off-Grid Products Gain Adoption Beyond Early Adopters?	Laura Botero	RTI International
4:45 PM - 5:00 PM	<b>Break/Meet the Speakers</b>		

## Monday, November 14

10:30 AM - 12:00 PM	<b>Utility Challenges of Grid Electrifications</b>		
	Can the Grid Handle Increased Building and Transportation Electrification?	Karen Maoz	Kevala, Inc.
3:30 PM - 5:00 PM	<b>Bundling Renewables and Electrification with Building Upgrades</b>		
	Behavior-Based Programs - Residential Programs	Alex Bradley	C+C
	Changing Contractor Behavior in the Age of Decarbonization	Ellen Steiner	Opinion Dynamics

## Tuesday, November 15

10:30 AM - 12:00 PM	<b>Home Energy Score / Assessments</b>		
	Remote Home Energy Assessments: Current Status and How Behavioral Science Can Be Applied	Emma Cooper	ACEEE
	MyHEAT: A Behavioral Tool to Boost Residential Energy Efficiency Program	Gillian Ward	MyHEAT Imagery Inc.



	Engagement		
	Connecticut Department of Energy Home Energy Score Initiative	John Karyczak	Avangrid
1:30 PM to 3:00 PM	<b>Local Control of Energy</b>		
	Stanford Shines: A Decade-Long Decarbonization Journey ... and We've Just Gotten Started	Lincoln Bleveans	Stanford University
	Beyond Rates: Communicating the Benefits of Community Energy when Rates Are Higher	Rebecca Ford	See Change Institute
3:30 PM - 5:00 PM	<b>Panel Discussion: Strategies to Increase Community Solar Access</b> Moderator: Moderator Sandy Fazeli Panelists: <ul style="list-style-type: none"> <li>Nicole Steele, Senior Advisor for Energy Justice &amp; Jacob Workforce, U.S. Department of Energy</li> <li>Chris Nichols, Senior Program Director. Groundswell</li> <li>Daniel White, Energy Program Specialist, District Department of Energy and Environment</li> </ul>		

## Technology

Monday, November 14

1:30 PM to 3:00 PM	<b>Ambitious Home Upgrades: Why and How We Do It</b>		
	Building the Bridge to a Whole-Home Approach: DTE's Energy Efficiency Assistance Program	Chris Ross	ICF



	Automating the Smart Home for Scalable Behavioral Savings	Jessica Bergman	Google Nest
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Tuesday, November 15

10:30 AM - 12:00 PM	<b>Customers as the Gateway to Decarbonization</b>		
	Hello Alexa, Is It TOU You're Looking For?	Monica Thilges	APTIM
1:30 PM - 3:00 PM	<b>Panel Discussion: Behavioral Strategies in Virtual Technical Training Programs</b> Moderator: Graziella Siciliano, DOE Panelists: <ul style="list-style-type: none"> <li>• Michael Socks, Senior Energy Consultant, VEIC</li> <li>• Mike Umbriani, Energy Manager, InterContinental Times Square</li> <li>• Anne Joiner, SEM Engineer, Stillwater Energy</li> <li>• Howard O'Kelly, Energy Manager, Dassault Systemes</li> </ul>		

## Design and Evaluation

Monday, November 14

10:30 AM - 12:00 PM	<b>New Developments in Evaluation</b>		
	The Road to New Metrics: Evaluating Utility Programs Based on GHG Emissions	Barb Ryan	Applied Energy Group
	Apples to Apples: A Meta-Analysis of Home Energy Reports and the Case for More Consistent Reporting	Matt Galport	ILLUME Advising



	Smart Thermostats: Could We Be Saving More?	Melissa Kosla	ADM Associates, Inc.
	Ongoing Measurement and Verification: Optimizing a Laboratory Building's Energy Performance through Behavioral Interventions	Vinay Ghatti	Willdan
	<b>Panel Discussion: City-Level Policies to Incentivize Green Travel Choices</b> Moderator: Allen Greenberg, USDOT/FHWA Panelists: <ul style="list-style-type: none"> <li>• Michael Grant, Vice President, ICF</li> <li>• Cheryl Cort, Policy Director, Coalition for Smarter Growth</li> <li>• Allen Greenberg, Senior Policy Analyst, USDOT/FHWA</li> </ul>		
1:30 PM to 3:00 PM	<b>Behavior-Informed Policy: From Local to National</b>		
	Carrot Cake for Everyone: Local Governments Accelerating Climate Action	Kathy Kuntz	Dane County Office of Energy & Climate Change
	Variegated Risk Perceptions and Policy Preferences Among Multi-Level U.S. Climate Adaptation Governance Actors	Melissa Tier	Princeton University
	The Local Energy Transition: Perspectives on Community Energy Management in Wisconsin	Mikhaila Calice	University of Wisconsin-Madison
	<b>Panel Discussion: Utility Insights on Equitably Engaging Energy Users</b> Moderator: Kira Ashby, Consortium for Energy Efficiency (CEE) Panelists: <ul style="list-style-type: none"> <li>• Tracy Scott, Director of Energy Programs, Energy Trust of Oregon</li> <li>• Dantawn Nicholson, Senior Energy Efficiency Journey Coordinator, Commonwealth Edison</li> </ul>		



	<ul style="list-style-type: none"> <li>Sofia Jenssen, Program Assistant, Center for Equity and Energy Behavior at CEE</li> </ul>		
3:30 PM - 5:00 PM	<b>Next-Gen Engagement Strategies</b>		
	Filling the Void: How to Communicate on Climate in a World of Distrust	Darrin Kayser	Edelman

## Tuesday, November 15

1:30 PM to 3:00 PM	<b>Lightning: Municipalities, Universities, Schools, and Hospitals (MUSH)</b>		
	Engaging All Voices: How Top-Down and Bottom-Up Stakeholder Engagement Increases Success of Utility Savings in School Districts	Auriane Koster	Fusebox (powered by Pierce Energy Planning)
	Decarbonization: Resources and Recognition Opportunities from DOE	Mariana Egea-Casaldue	U.S. Department of Energy
	Decarbonizing Alberta Municipalities: Energy Management, Equity, and Behavioural Change	Prashant Patel	CLEAResult Consulting Inc.
	Vintage to Vogue: A Case Study Roadmap for Decarbonizing Existing Building Stock	Vinay Ghatti	Willdan
3:30 PM - 5:00 PM	<b>Tying It All Together: Organizations, Occupants, and Operators</b>		
	Organizational Behavior Insights from 50001-Ready Technical Assistance Cohorts	Heidi Fuchs	Lawrence Berkeley National Laboratory





Wednesday, November 16

8:30 AM to 10:00 AM	<p><b>Panel Discussion: Achieving Higher Demand Response Savings</b></p> <p>Moderator: Colin Gibbs, Sense</p> <p>Panelists:</p> <ul style="list-style-type: none"><li>• George Zavaliagkos, VP Technology &amp; Data Science, Sense</li><li>• Elliott Marks, Head of Project Management Office, Partnerships, OhmConnect</li></ul>
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