



7TH HAWAII ENERGY CONFERENCE

MARCH 18-19, 2020
MAUI ARTS & CULTURAL CENTER

The Hawai'i Energy Conference brings together regional and national experts on energy policy, strategies, leadership and innovation. The 2020 Conference will explore the timely issues of beneficial electrification and the design of an equitable energy transition.

Participants will take a deep dive into how electrification can be “beneficial”. As more functions are served by electricity, demand for electricity will rise. This opens pathways for more deployment of renewable generation, which supports the sort of ambitious decarbonization goals that state legislatures are enacting. What are the benefits, challenges, and practical limits of electrification? Given the wildfire issues affecting the West, will there be the same access to electricity for those who cannot afford microgrids or DERs? Can an electrified system be more resilient and efficient? What are the alternatives to electrification?

How can we break through economic, cultural and linguistic barriers to ensure that we have an energy system that works for everyone? Where should we invest and put equity into equity? What does an equitable energy transition look like? Is it possible to create a transition that respects local cultures, is socially just, and protects our most vulnerable?

These topics are not unique to Hawaii, so whether you live on an island or not, please join us on Maui as we explore pathways to creating an equitable, resilient energy system of the future.

WEDNESDAY, MARCH 18

7:00 AM **REGISTRATION** | Founders Courtyard

CONTINENTAL BREAKFAST | Sponsored by Hawaiian Electric

8:00 **CULTURAL OPENING** | Castle Theater
Reverend Kealahou Alika

E KOMO MAI (WELCOME)

Leslie Wilkins, President and CEO, Maui Economic Development Board, Inc.

REMARKS

Michael Victorino, Mayor, County of Maui

8:30 **KEYNOTE ADDRESS**

Introduction by **Doug McLeod**, Chair, Conference Program Committee

Mark Toney, Executive Director, The Utility Reform Network

9:15 **KEYNOTE Q&A DISCUSSION**

Facilitated by **Doug McLeod**, Chair, Conference Program Committee; Member, DKK Energy Services, LLC and **Jennifer Potter**, Commissioner, Hawaii Public Utilities Commission

9:30 **COFFEE BREAK AND EXHIBIT SESSION** | Sponsored by Powin Energy | Exhibit Hall

RELAX & RECHARGE AT THE ULUPONO INITIATIVE CHARGING LOUNGE | Castle Lobby

10:00 **DEFINING BENEFICIAL ELECTRIFICATION. WHAT WOULD AN EQUITABLE ENERGY SYSTEM LOOK LIKE?**

Key considerations in designing an equitable electrification framework

Electrification can provide comprehensive solutions that improve the lives of those in our communities. Eliminating fossil fuels from our homes and vehicles can lead to healthier, safer, and thriving communities. This panel will explore key considerations to ensure that the benefits of electrification policies and programs prioritize people who could benefit from them the most.

Moderated by:

Jonathan Koehn, Chief Sustainability & Resilience Officer, City of Boulder

Panelists:

Jenna Tatum, Director, Building Electrification Initiative

A. Kam Napier, Editor in Chief, Pacific Business News

Scott Glenn, Chief Energy Officer, Hawaii State Energy Office

10:45 **WHO BENEFITS FROM BENEFICIAL ELECTRIFICATION? MAKING IT REAL FOR RENTERS**

Moderated by:

Melissa Miyashiro, Managing Director, Strategy & Policy, Blue Planet Foundation

Panelists:

Will Giese, Executive Director, Hawaii Solar Energy Association

Laurien (Lala) Nuss, Climate Resilience and Equity Manager, OCCSR Honolulu

Dean Nishina, Consumer Advocate, State of Hawaii

11:30 **HAWAII REPORT | POWERING PARADISE**

Cara Goldenberg, Senior Associate, Electricity, Rocky Mountain Institute

11:40 **NETWORKING LUNCH | Sponsored by the Hawaii Clean Power Alliance | Founders Courtyard**

EXHIBIT SESSION AND DESSERT | Exhibit Hall

1:10 PM **FEATURED VIDEO PRESENTATION | WHY WE ELECTRIFY**

Introduction by **Jennifer Potter**, Commissioner, Hawaii Public Utilities Commission

Rachel Huang, Director, Energy Strategy, Research & Development, Sacramento Municipal Utility District

1:25 PM **RESILIENCE – HOW TO APPLY PRINCIPLES OF EQUITY**

Resilience has to be more than how we keep the lights on for wealthy owners of homes built too close to the water. Who benefits from our spending on resilience? As wildfires threaten more rolling outages in the Western U.S., how are at risk-populations and low-income earners impacted by the lack of access to off grid



solutions available to others? Are solar+ batteries only an option for the rich? Does the price curve of technology influence how we respond?

Moderated by:

Brandie Lea Williams, West Region, Business Development Director, Johnson Controls, Inc.

Panelists:

Robert Harris, Director, Public Policy, Sunrun

Beth Tokioka, Communications Manager, Kauai Island Utility Cooperative

Kevin Waltjen, Director, Hawaii Island, Hawaiian Electric

2:10

MOVING BEYOND “COST-BENEFIT” AND VALUING NON-MONETARY BENEFITS

This panel will be examining renewable energy for low-income communities as a function of private finance, financing structures that bring DERs to low and moderate income households, community-based approaches to innovation, and local values and ESG governance as values to be incorporated in the new energy economy.

Moderated by:

Zoltan Milaskey, President, Mana Monitoring

Panelists:

Shay Chan Hodges, Co-Organizer, Maui ESG Investment Project and Ahupua`a Summit

Allie Detrio, Chief Strategist, Reimagine Power, Inc.

Tuan Pham, President, PowerFin Partners

2:55

COFFEE BREAK | Sponsored by Progression Hawaii Offshore Wind | Exhibit Hall

3:25

PROJECT SITING FOR UTILITY SCALE PROJECTS IN HAWAII – HOW CAN WE MEET DEMANDS FOR JUST AND EQUITABLE IMPACTS?

Now more than ever, we are aware of the technical, financial, and human tensions that arise in our collective pursuit to meet looming statewide RPS mandates and goals. Current challenges related to project siting for utility scale projects suggest that the time to prioritize and re-envision community engagement is now. This panel will explore the intersection of culture, community, and commerce to provide tangible methodologies to navigate the pitfalls of project siting and development.

Moderated by:

Nicole Velasco, Business Development, NORESO

Panelists:

Brandon Hayashi, Hawaii Regional Business Development Manager, ENGIE Services U.S.

Malia Kaaihue, Founder & President, DTL Hawaii

Dana Sato, Director, Asset Management (Oahu), Kamehameha Schools

Wren Wescoatt, Director of Development, Hawaii, Progression Energy



4:25 **MICROGRIDS: MICROCOSMS OF THE AMERICAN DREAM**

Do microgrid + behind the meter storage programs provide all Americans an equal opportunity to achieve their highest renewable energy aspirations and goals? If not, who are microgrids being built for, and who can afford to microgrid? If so, why aren't there more microgrids? These questions and more as the panelists discuss SGIP and equity in clean energy development.

Moderated by:

Rachel James, Attorney, Hawaii Public Utilities Commission

Panelists:

Jordan Little, Asset Management & Business Developer, Pacific Current

Clifford Rechtschaffen, Commissioner, California Public Utilities Commission

Alvaro Sanchez, Director, Environmental Equity, Greenlining Institute

5:10- **NETWORKING RECEPTION | Sponsored by Hawaii Natural Energy Institute | Exhibit Hall**

7:00 PM

THURSDAY, MARCH 19

7:00 AM **REGISTRATION**

CONTINENTAL BREAKFAST | Sponsored by Hawaii Energy | Founders Courtyard

8:00 **WELCOME TO DAY TWO | Castle Theater**

Caroline Carl, Deputy Director, Hawaii Energy

Frank De Rego Jr, Vice Chair, Conference Program Committee; Director of Business Development Projects, Maui Economic Development Board, Inc.

8:15 **A CONVERSATION WITH SCOTT SEU, PRESIDENT, HAWAIIAN ELECTRIC**

*Introduction by **Pono Shim**, CEO, Oahu Economic Development Board*

Scott Seu, President and CEO, Hawaiian Electric Company

9:00 **KEYNOTE Q&A DISCUSSION**

*Facilitated by **Pono Shim**, CEO, Oahu Economic Development Board and **Jonathan Koehn**, Chief Sustainability & Resilience Officer, City of Boulder*

9:15 **INCLUSIVE EFFICIENCY. HOW TO BENEFIT DIFFERENT GROUPS**

Panelists will explore how efficiency initiatives are expanding their reach and how these programs target different groups. What are the dimensions of energy equity and who are we missing? Additionally, how do we define success and do we even have the right metrics to evaluate this?



Moderated by:
Caroline Carl, Deputy Director, Hawaii Energy

Panelists:
Emily Levin, Managing Consultant, Innovative Programs, VEIC
Kelii Wilson, VWA Consulting

10:00 **COFFEE BREAK AND EXHIBIT SESSION | Sponsored by Elemental
Excelerator | Exhibit Hall**

**RELAX & RECHARGE AT THE ULUPONO INITIATIVE
CHARGING LOUNGE | Castle Lobby**

10:30 **SPECIAL PRESENTATION | HOW WE PLAN TO WORK TOGETHER
ON CLIMATE CHANGE**

*Introduction by **Frank De Rego Jr.**, Vice Chair, Conference Program Committee; Director of Business
Development Projects, Maui Economic Development Board, Inc.*

Jay Griffin, Chair, Hawaii Public Utilities Commission
Clifford Rechtschaffen, Commissioner, California Public Utilities Commission

10:45 **INDIGENOUS CULTURE AND THE ELECTRICAL GRID**

*Do Indigenous peoples constitute only one group among many stakeholders, thus ensuring a “balancing” of
all interests? Or, whether by law, treaty or custom, is it necessary to recognize a special status for
indigenous people within any grid planning process? This panel will explore these issues, the potential
conflicts, and pathways to resolution.*

Moderated by:
Frank De Rego Jr., President, Maui Native Hawaiian Chamber of Commerce

Panelists:
Jody Allione, Project Development Manager, Jody Allione Consulting
Carol-Marie Ka’ono’hi Lee, Po’o, ‘Aha Moku O Honua’ula Council
Ramsay Taum, Cultural Sustainability Planner, PBR Hawaii & Associates, Inc; Director, Sustain Hawaii

11:30 **CASE STUDY | CREATING COMMUNITY RESILIENCY – BRINGING
ALL OF THE PIECES TOGETHER**

Brandie Lea Williams, West Region, Business Development Director, Johnson Controls, Inc.

11:40 **NETWORKING LUNCH | Sponsored by Johnson Controls |
Founders Courtyard**

EXHIBIT SESSION AND DESSERT | Exhibit Hall

1:10 PM **THE ROLE FOR FUELS IN THE TRANSITION TO A DECARBONIZED
AND RESILIENT ENERGY SYSTEM**



Currently, fuels are critical to powering our economy, communities, and way of life. How will fuels and the role they play change if we transform our power systems to increase electrification, climate change, and resilience?

Moderated by:

John Cole, Assistant Specialist, Hawaii Natural Energy Institute

Panelists:

James “Mitch” Ewan, Hydrogen Systems Program Manager, Hawaii Natural Energy Institute

Bob King, Founder, Pacific Biodiesel

Eric Wright, Senior Vice President, Par Hawaii

1:55 **HOW LOCAL GOVERNMENT CAN LEAD IN ELECTRIFICATION OF TRANSPORTATION**

Moderated by:

Aki Marceau, Director of Electrification of Transportation, Hawaiian Electric

Panelists:

Alex De Roode, Energy Commissioner, Office of Economic Development, County of Maui

Greg Gaug, Senior Vice President of Investments & Analytics, Ulupono Initiative

Edwin Sniffen, Deputy Director, Highways Division, Department of Transportation, State of Hawaii

2:40 **COFFEE BREAK | Sponsored by ENGIE Services | Exhibit Hall**

3:10 **THE EQUITY IN EQUITY: AN INVESTING PANEL**

The panel will explore the double entendre of the term equity as it relates to social justice and investments in energy system and infrastructure development. How do investors define “equity” (social) as they make decisions on “equity” (financial investment)?

Moderated by:

Dawn Lippert, CEO, Elemental Excelsior

Panelists:

Murray Clay, President, Ulupono Initiative

Gary Rosenberg, Investment Partner, Gratitude Railroad

James Tilbury, Chief Executive Officer, EnergyLab

3:55 **CASE STUDY | HAWAII CLEAN POWER ALLIANCE**

Frederick Redell, Executive Director, Hawaii Clean Power Alliance

4:05 **KEEPING UP WITH THE COMMISSIONS**

Moderated by:

Jennifer Potter, Commissioner, Hawaii Public Utilities Commission

Panelists:

Cara Goldenberg, Senior Associate, Electricity, Rocky Mountain Institute

Mark Kolesar, Chair, Alberta Public Utilities Commission

Cliff Rechtschaffen, Commissioner, California Public Utilities Commission

4:50 **CLOSING**





5:05- **WOMEN IN RENEWABLE ENERGY (WIRE) PAU HANA** | Yokouchi Pavilion
7:00 PM *Enjoy the opportunity to network with women across the state.
Light appetizers provided. Cash bar for refreshments and wine. [Please register online.](#)*

2020 PROGRAM COMMITTEE

Caroline Carl | Deputy Director, Hawaii Energy

Colton Ching | Senior Vice President, Planning & Technology, Hawaiian Electric

Frank De Rego Jr. | Vice Chair, Conference Program Committee; Director of Business Development Projects, Maui Economic Development Board, Inc.

Alexander DeRoode | Energy Commissioner, Office of Economic Development, County of Maui

William Giese | Executive Director, Hawaii Solar Energy Association

Jonathan Koehn | Chief Sustainability & Resilience Officer, City of Boulder

Doug McLeod | Chair, Conference Program Committee; Member, DKK Energy Services, LLC

Jennifer Potter | Commissioner, Hawaii Public Utilities Commission

Tricia Rohlfig | Vice President of Finance, Hawaii Pacific Solar