



Hawaii Clean Energy: *Future Directions in Law, Policy and Finance*

APRIL 8, 2015

YWCA

HONOLULU, HI

ACCREDITATION

HI CLE

6.25 Credits

WA MCLE

6.25 Credits

CA CLE

6.5 Credits

Contractors & Engineers

May Qualify

TOPICS COVERED

Energy, Environmental,
Land Use, Finance, Future
Outlook, Utility

WHO SHOULD ATTEND

Attorneys/Legal Staff
State and Municipal Officials
Contractors/Engineers
Environmentalists
Land Owners
Farmers/Ranchers
Planners
Investors
Energy Professionals
Financing Professionals
Utility Managers

Why You Should Attend:

Hawaii's clean energy future is rapidly evolving, driven by key changes in law, policy and finance. Although the direction is set and progress has been made in achieving energy goals and objectives, major challenges and uncertainties remain. Successfully navigating these changes requires not only up-to-date knowledge and information as to the key technical, financial, legal and policy aspects of Hawaii's clean energy transformation, but also a "big picture" understanding of how it all fits together. This seminar will provide key insights and analyses from the experts and thought leaders working to advance Hawaii's transition to a clean energy future.

Program Co-Chairs:



Douglas A. Codiga
Schlack Ito LLLC



Gerald A. Sumida
Carlsmith Ball LLP



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5 EASY WAYS TO REGISTER

- 1 ONLINE: www.TheSeminarGroup.net
- 2 FAX: 866-435-3444
- 3 EMAIL: info@TheSeminarGroup.net
- 4 PHONE: 206-463-4400 / 800-574-4852
- 5 MAIL: PO Box 523, Vashon, WA 98070

9:00 Introduction and Overview

- Where Have We Come?
- What Does the Future Look Like?
- What Are the Challenges in the Next Ten Years?

Douglas A. Codiga, Program Chair
Schlack Ito LLLC

Gerald A. Sumida, Program Chair
Carlsmith Ball LLP

9:15 Special Presentation: What is Hawaii's Energy Future? Evolving Regulatory and Energy Resource Planning Futures for Electric Utilities

- Where Have We Come and Where Are We Now?
- What Challenges – Now and in the Next Ten Years – Can We Identify?
- How Are Energy Systems Changing - Or Not- To Deal with These Challenges?
- What Are the Regulatory and Policy Implications Involved?
- What Legal and Regulatory Initiatives Will be Needed?
- How Should Hawaii Respond?

Commissioner Michael E. Champley, Moderator (Invited)
Hawaii Public Utilities Commission

Mark Duda, President
Hawaii PV Coalition

Leon R. Roose, Principal & Chief Technologist
Hawaii Natural Energy Institute

School of Ocean & Earth Science & Technology, University of Hawaii at Manoa

10:30 Break**10:45 The Regulatory and Lawmaking Future: Updates from Public Utilities Commission and Legislature**

- How Is the Public Utilities Commission Shaping Its Vision and Focusing Its Regulatory Objectives?
- What is the Legislature Planning To Do and Why?
- Is There a Consistent, Strategic and Practical Vision for Hawaii's Energy Future?
- How Can Renewable Energy Work for Industry, the Public, and Utilities?

Commissioner Lorraine H. Akiba
Hawaii Public Utilities Commission

Senator Mike Gabbard

Hawaii State Senate, 20th District

Representative Chris Lee

Hawaii State Legislature, 51st District

11:30 Industry Perspectives on Utility Scale and Distributed Renewables: Current Challenges and Opportunities

- Regulatory and Industry Perspective on the Future of Renewable Energy
- Harmonizing Distributed and Utility Scale Generation
- Where is the \$? Industry's Take on Crunching the Numbers
- What Industry Needs From the State and Feds
- What Industry Needs From Utilities

Alan M. Oshima, President and CEO
Hawaiian Electric Company

12:00 Midday Break**1:15 The Future is Now: Microgrids, Demand Response, Distributed and Utility Scale Generation, and the Evolution of Hawaii's Electric Grid Systems**

- How Should the Electric Grid System be Transformed and Why?
- How Can Greater Integration of Solar and Wind Generation be Accomplished?
- What is the Best Role for Energy Storage?
- Where and How Do the Role of Smart Grids and Microgrid Fit Into the Grid System of the Future?

David Bissell, President and CEO
Kauai Island Utility Cooperative

James "Jay" Griffin, PhD

Hawaii Public Utilities Commission

Neil "Dutch" Kuyper, President and CEO
Parker Ranch

2:00 Special Session: Should LNG be Effectively Integrated Into Hawaii's Energy Future?

- How Specifically Will LNG be Used in Hawaii and by Whom?
- How Will LNG Be Imported Into Hawaii, Stored and Processed, and Distributed to Users?
- How Can LNG's Contribution to Hawaii's Energy Future be Maximized?

Joseph J. Boivin, Jr.

Senior Vice President, Business Development & Corporate Affairs
Hawaii Gas

Shahriar "Shasha" Fesharaki, COO and Managing Director
Facts Global Energy

Richard Wallsgrove, Program Director
Blue Planet Foundation

2:45 Break**3:00 Public Sector Leadership: The Role of Hawaii's Counties in Advancing Hawaii's Energy Future**

Mayor Alan M. Arakawa

County of Maui

Mayor Bernard P. Carvalho, Jr.

County of Kauai

Mayor Billy Kenoi

County of Hawaii

3:45 Project Finance: Recent Developments Shaping Commercial Development

- What Are the Cost Factors in Private Energy Projects and Public Energy Infrastructure?
- What Are the Approaches to Financing Such Projects and Infrastructure?
- What is the Role of Project Finance?
- Can Public-Private Partnerships Contribute to Such Financing?

Alan M. Schlissel, Managing Partner
Schlissel & Associates LLC

Lawrence N. Tonomura, Managing Director
Bank of America Merrill Lynch; San Francisco, CA

4:30 Innovative Clean Energy Options: Energy Entrepreneurship; Green Energy Market Securitization; Interisland Transmission; Emerging Technologies

- An Overview of Potentially Realistic Options for Hawaii's Energy Future
- A Statewide Transmission Grid System Interconnecting All of the Islands?
- Microgrids for Selected Communities on Each Island
- Major Conversion to Electric and Hybrid Vehicles and Transportation
- Hawaii's Role as a "Test Bed" for Energy Technology Innovation

Mark B. Glick, Administrator

Hawaii State Energy Office

Dawn Lippert, LEED AP, Director, Energy Excelsior
Pacific International Center for High Tech Research

Richard E. Rocheleau, PhD, Director

Hawaii Natural Energy Institute

School of Ocean & Earth Science & Technology, University of Hawaii at Manoa

5:15 Adjourn**Upcoming Seminar Schedule*****Endangered Species Act***

April 9 & 10, 2015 ~ Honolulu, HI

Shoreline Regulation in Washington State: Marine Shorelines, Rivers and Lakes

May 1, 2015 ~ Seattle, WA

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Douglas A. Codiga, Program Co-Chair, a member of Schlack Ito LLLC, concentrates his practice on energy and environmental law, including regulatory proceedings before the Hawaii Public Utilities Commission, environmental permitting and compliance, and renewable energy project development.

Gerald A. Sumida, Program Co-Chair, is a partner with Carlsmith Ball LLP and the Chair of its Business, Corporate and Finance Group; he also leads its Renewable Energy and Clean Technology Practice Group. His energy practice encompasses developing, financing and operating energy projects, including wind, geothermal, hydroelectric, solar, waste-to-energy, biomass, ocean thermal energy conversion and wave energy projects.



Commissioner Lorraine H. Akiba was appointed to the Hawaii Public Utilities Commission in January 2012 by Governor Neil Abercrombie for a term to expire June 30, 2018.

Mayor Alan M. Arakawa was re-elected as Maui County Mayor in 2014. His background in environmental management, coupled with his passion for sustainability, has guided him in his efforts to develop renewable energy sources in Maui County.



David Bissell, president and CEO of Kauai Island Utility Cooperative (KIUC), has more than 20 years of financial and electric utility management experience.

Joseph J. Boivin, Jr., Senior Vice President, Business Development & Corporate Affairs of Hawaii Gas, oversees new market development and corporate and government relations.



Mayor Bernard P. Carvalho, Jr., County of Kauai, began his career with the county in 1985. He has immersed himself in many community efforts and leadership roles.

Commissioner Michael E. Champley, of the State of Hawaii's Public Utility Commission, has over 40 years of experience analyzing, integrating and managing complex economic, public policy and technical issues facing the energy utility industry.



Mark Duda is President of the Hawaii PV Coalition where he develops the organization's legislative agenda and leads its regulatory activities. He is also a founding member of Distributed Energy Partners.

Shahriar "Shasha" Fesharaki is the Chief Operating Officer and Managing Director of Facts Global Energy. He specializes in LNG marketing, and provides buyers and sellers with sourcing and placement strategies for LNG.



Senator Mike Gabbard is a Hawaii State Senator representing District 20 (West Oahu). He has been the Chair of the Energy and Environment Committee since 2009.

Mark B. Glick is Administrator of the Hawaii State Energy Office, a post he has held since October of 2011. As Administrator, he leads Hawaii's internationally regarded clean energy program and economic transformation efforts.



Mayor Billy Kenoi, County of Hawaii, was elected mayor of Hawaii Island in 2008 in his first bid for public office and re-elected for a second term in 2012.

Neil "Dutch" Kuyper, currently serves as President and CEO of Parker Ranch, one of the largest and oldest cattle ranches in the US, headquartered in Waimea on the Big Island.



Representative Chris Lee, Hawaii State Legislature, District 51, is currently the Chair of the Committee on Energy and Environmental Protection (EEP).

Dawn Lippert, LEED AP, is the Director, Energy Excelsior, at Pacific International Center for High Tech Research. She is also president of WiRE (Women in Renewable Energy).



Alan M. Oshima, Hawaiian Electric Company president and CEO, has significant experience with electric, telecommunications and transportation companies, as well as water and sewer resources in Hawaii.



Richard E. Rocheleau, Ph.D., is Director of the Hawaii Natural Energy Institute, School of Ocean & Earth Science & Technology at the University of Hawaii at Manoa.

Leon R. Roose is Principal & Chief Technologist at the Hawaii Natural Energy Institute, School of Ocean & Earth Science & Technology, University of Hawaii at Manoa.



Alan M. Schlissel is Managing Partner of Schlissel & Associates LLC, an accounting firm with significant practices in the renewable energy and high technology industries.

Richard Wallsgrove is Program Director of Blue Planet Foundation. He has authored papers on shoreline issues, renewable energy resources, and other topics.



James "Jay" Griffin, PhD, is a Chief Researcher with the Hawaii Public Utilities Commission.

Lawrence N. Tonomura is a Managing Director for the Bank of America Merrill Lynch in San Francisco, CA

Conference Information

Course Accreditation

This course has been approved by the Hawaii State Bar Association for 6.25 CLE credit hours. This course has been approved for 6.25 hours of Washington MCLE credit. The Seminar Group is a WSBA accredited sponsor. The Seminar Group is a State Bar of California approved MCLE provider; therefore, this course is approved for 6.5 general CLE credits. Contractors and engineers may qualify for continuing education hours through the American Institute of Constructors or the Construction Management Association of America. For information or accreditation in other states, please call THE SEMINAR GROUP at (206) 463-4400 or (800) 574-4852.

Substitution/Cancellation

You may substitute another person at any time. We will refund tuition, less a **\$50 cancellation charge**, if we receive your cancellation by **Thursday, April 2, 2015**. No refunds will be given after this date. *Please note that if you do not cancel by the deadline and/or do not attend, you are still responsible for payment.*

Seminar Location

The seminar will be held at the YWCA, 1040 Richards Street, Honolulu, Hawaii, (808) 538-7061. Please call the venue for directions/questions.

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April 8, 2015 • YWCA • Honolulu, HI

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Additional Name _____

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Attendance Fees

- Attorney \$525
- Government/ Non-Profit \$425
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