



Western Interstate  
Energy Board

# Green Hydrogen Visions for the West Virtual Conference

Presented by the GHC, NASEO, and WIEB

**Date:** Tuesday, November 17 and Wednesday, November 18, 2020 (Two days, 8:00 AM PT-2:00 PM PT)

**Location:** Virtual Event (<https://www.ghcoalition.org/ghvisions>)

The Green Hydrogen Coalition (GHC), in collaboration with the National Association of State Energy Officials (NASEO) and the Western Interstate Energy Board (WIEB), is proud to present its 2<sup>nd</sup> Annual convening, bringing together policy makers, industry leaders, utilities, and non-governmental organizations to accelerate progress for green hydrogen market and infrastructure development in the Western United States and beyond.

## OBJECTIVES:

1. Build support and momentum for IPP Renewed – the largest green hydrogen project under development in the US
2. Identify regional collaboration pathways and workstreams to accelerate green hydrogen infrastructure development in the Western US
3. Identify and build momentum for additional multi-sectoral new hydrogen infrastructure projects (in addition to IPP Renewed)

---

## DAY 1 AGENDA (8:00 AM-2:00 PM, Pacific Time)

Theme: Green Hydrogen Visions for the West

8:00-8:30 **Virtual Networking Reception**

8:30 -8:50 **Welcome Remarks**

- o Janice Lin, Founder and President, GHC
- o Dr. Andrew McAllister - CEC Commissioner & Past-Chair NASEO
- o David Bobzien, Director, Nevada Governor's Office of Energy and Vice Chair, Western Interstate Energy Board

8:50-9:05 **Regional Collaboration Special Announcement**

- o Laura Nelson, PhD, Executive Director, GHC
- o David Terry, Executive Director, NASEO
- o Maury Galbraith, Executive Director, WIEB
- o Paul Browning, President and CEO, Mitsubishi Power Americas

9:05-10:00 **Keynote Addresses**

### **Green Hydrogen: Part of a National Energy Strategy**

- o Daniel Simmons, Assistant Secretary of Energy Efficiency and Renewable Energy, US Department of Energy

### **Los Angeles' Green New Deal and the Role of Green Hydrogen**

- o Eric Garcetti, Mayor of Los Angeles



**Western Interstate  
Energy Board**

***America's First Coal to Green Hydrogen Transition: IPP Renewed***

- Martin Adams, General Manager and Chief Engineer, Los Angeles Department of Water and Power

10:00-10:15 **Virtual Networking Break**

10:15-12:00 **ROUNDTABLE DISCUSSION:**

**Creating a Green Hydrogen Blueprint for the Western US**

- **Session goals:** Identify regional collaboration pathways and workstreams to accelerate green hydrogen infrastructure development in the Western US
- **Opening Remarks:** Regional Collaboration Lessons Learned from Europe
  - Thierry Lepercq, GHC Board Member, Founder, Soladvent
- **Key Questions**
  - What state-level green hydrogen initiatives are currently planned or underway would benefit from a coordinated regional approach?
  - What specific areas of support/help are needed?
  - Borrowing lessons learned from Europe, how can states collaborate on green hydrogen for greatest efficiency and impact?

**Roundtable Participants:**

- Moderated by Dr. Laura Nelson
- Roundtable Speakers Day 1:
  - Melissa Ballard, Representative, Utah House of Representatives
  - Sarah Vorpahl, PhD, Sr. Energy Policy Specialist, Energy Policy Office, Washington State
  - David Bobzien, Director, Nevada Governor's Office of Energy
  - John Chatburn, Director, Idaho Office of Energy and Minerals
  - Dan Lloyd, Bureau Chief, Montana Energy Office
  - Dr. Andrew McAllister - CEC Commissioner & Past-Chair NASEO
  - Clifford Rechtschaffen, Commissioner, California Public Utilities Commission
  - Sunita Satyapal, Director, Hydrogen and Fuel Cell Technologies Office, US Department of Energy
  - Rob Simmons, Energy Advisor & Executive Director, Utah Governor's Office of Energy Development
  - Nancy Skinner, Senator, California State Senate
  - Will Toor, Executive Director, Colorado Energy Office
  - Kirsten Verclas Electricity Senior Program Director, NASEO

12:00-12:15 **Closing Remarks and Day 1 Actions - Dr. Laura Nelson, Executive Director, GHC**

12:15-2:00 **Virtual Networking Reception**



## Day 2 AGENDA (8:00 AM-2:00 PM, Pacific Time)

Theme: Accelerating Green Hydrogen Infrastructure Development for the Western US

8:00-8:30 **Morning Virtual Networking Reception**

8:30-8:50 **Welcome Remarks**

- Dr. Laura Nelson, Executive Director, Green Hydrogen Coalition
- Kelley Smith Burk, NASEO Chair, Director, Office of Energy, Florida Department of Agriculture and Consumer Services
- Tyson Eckerle, Deputy Director of Zero Emission Vehicle Infrastructure, California Governor's Office of Business and Economic Development

### Keynote Addresses

8:50-9:05 ***The US Department of Energy's H2@Scale Vision***

- Sunita Satyapal, Director, Hydrogen and Fuel Cell Technologies Office, US Department of Energy

9:05-9:15 ***Pathways for Scaling Hydrogen***

- John Litynski, Deputy Director Advanced Fossil Technology Systems, US Department of Energy

9:15-10:00 **Global Infrastructure Case Studies and Discussion**

Moderated by Thierry Lepercq, GHC Board Member & Founder, Soladvent

- Denmark - H2RES Project - Ulrik Stridbaek, Vice President of Regulatory Affairs, Orsted
- Netherlands NorthH2 Project - Ruben Van Grinsven, Business Opportunity Manager, Integrated Hydrogen Projects, Shell
- United States – Plug Power -- Sanjay Shrestha, Chief Strategy Officer, Plug Power

10:00-10:15 **Virtual Networking Break**

10:15-12:50 **ROUNDTABLE DISCUSSION:**

### **Accelerating Green Hydrogen Infrastructure Development for the Western US**

- **Session Goals:** Identify regional collaboration pathways and workstreams to accelerate green hydrogen infrastructure development in the Western US
- **Key Questions**
  - What aggregated, near-term green hydrogen off take opportunities exist in the western US?
  - What will it take to achieve cost effective production, transmission, distribution, and storage of green hydrogen to meet aggregated demand?



- Given anticipated potential demand and infrastructure needed, what new at scale green hydrogen initiatives should be prioritized in the Western US?
- How can the GHC accelerate multi-sectoral progress going forward?

10:15-11:25

**Roundtable Participants Overview: (Moderator: Janice Lin)**

**Regional Green Hydrogen Off Takers (35 minutes)**

- Power:
  - Adam Forni, Program Manager Clean Energy Tech, Google
  - Greg Huynh, Operating Agent, Intermountain Power Agency
  - Vicken Kasarjian, COO, Marin Clean Energy
  - Louis Ting, Dir. of Planning Development and Engineering, LADWP
- Power & Gas
  - Andrew Hegewald, Gas Business Development Manager, Dominion
- Transport Fuel
  - Chris Cannon, Director of Environmental Management, Port of LA
  - Valery Miftakhov, Founder and CEO, ZeroAvia
- Mining
  - Steve Sands, Director of Business Transformation, Rio Tinto

**Green Hydrogen Producers and Infrastructure Providers (20 minutes)**

- Paul Browning, President and CEO, Mitsubishi Power Americas
- Michel Carreau, Global Director Green H2, Hatch
- Yuri Freedman, Director Business Development SoCalGas
- Sheldon Kimber, CEO & Co-Founder, Intersect Power
- Lorraine Paskett, Vice President, True North Renewable Energy
- Finbar Sheehy, Sr. Director, Finance & Technology, 8minute Solar Energy

**Green Hydrogen Investors (10 minutes)**

- Monique Friddell, Loan Program Office, US DOE
- Rob Morgan, Advisor, Quinbrook Infrastructure Partners
- Jigar Shah, Founder Generate Capital

11:25-12:10

**Regional Breakout Sessions: Concurrent, Select One (45 minutes)**

- **Group 1 – California South:** Moderated by Janice Lin, Founder & President, GHC
  - Paul Browning, Mitsubishi Power Americas
  - Chris Cannon, Port of Los Angeles
  - Yuri Freedman, SoGalGas
  - Monique Friddell, DOE Loan Office
  - Sheldon Kimber, Intersect Power
  - Thierry Lepercq, Soladvent
  - Lorraine Paskett, True North Renewable Energy
  - Finbar Sheehy, 8Minute Solar Energy
  - Louis Ting, LADWP



**Western Interstate  
Energy Board**

- **Group 2 – California North:** Moderated by Matt McDonnell, Director, Strategen
  - Michael Ducker, Mitsubishi
  - Tyson Eckerle, CA Governor's Office of Business and Economic Development
  - Vicken Kasarjian, Marin Clean Energy
  - Valery Miftakhov, ZeroAvia
  - Jigar Shah, Generate Capital
  - Kelley Smith Burk, NASEO Chair
  - Ulrik Stridbaek, Orsted
  - Ruben Van Grinsven, Shell
  
- **Group 3 - Utah and the West:** Moderated by Laura Nelson, Executive Director, GHC
  - Michel Carreau, Hatch
  - Adam Forni, Google
  - Maury Galbraith, WIEB
  - Andrew Hegewald, Dominion
  - Greg Huynh, Intermountain Power Agency
  - Rob Morgan, Quinbrook
  - Steve Sands, Rio Tinto
  - Sanjay Shresthra, Plug Power
  - Rob Webster, Magnum Development

12:10-12:45      **Breakout Group Presentations and Discussion**

12:45-1:00      **Closing Remarks and Day 2 Actions**

- Janice Lin, Founder & President GHC

1:00-2:00      **Virtual Networking Reception**