



# Pacific Northwest Economic Region



Global Challenges | Regional Solutions

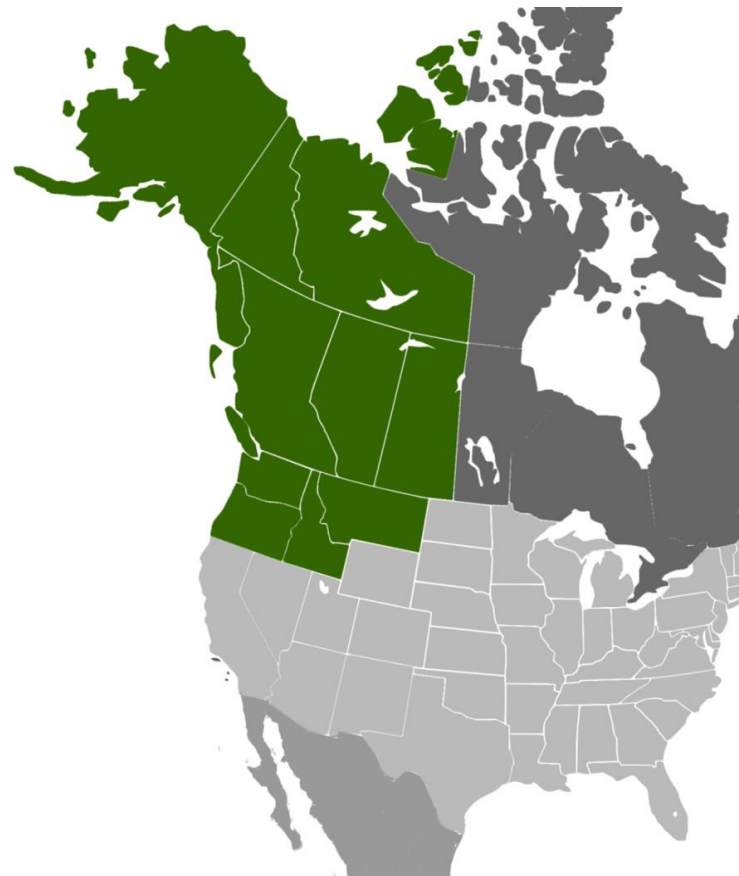
## About PNWER

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PNWER is a public-private partnership chartered by the states of Alaska, Idaho, Montana, Oregon, and Washington; the western Canadian provinces of Alberta, British Columbia, and Saskatchewan; and Yukon and Northwest Territories.

PNWER is recognized by the federal governments as the model for regional and bi-national cooperation because of its proven success. It is the leading forum where people in the policy world and business world come together to determine solutions to regional challenges

*Promoting Greater Regional Collaboration*





## Oregon Appointed Delegates to PNWER

- Sen. Lew Frederick – Lead Delegate, Senate Majority
- Sen. Bill Hansell - Senate Minority
- Rep. Ken Helm – House Majority
- Rep. Shelly Boshart Davis – House Minority
- Sen. David Brock Smith – Alternate, Senate Minority

# PNWER President's Initiative 2023 – Developing a Framework for US – Canada Energy Security and Sustainability A Competitive Advantage for the Region

## Food Security & Supply Chain Resilience

- Supply Chain Infrastructure Investments
- US-Canada Strategic Collaboration and Coordination

## Energy Security, Reliability, and Sustainability

- Electricity
- Oil & Gas
- Renewables and clean energy technology
- Permit reform

## Critical Minerals

- Resource Development
- Supply Chain Infrastructure
- Permit reform
- Clean energy technology
- Battery technology



- The Legislative Energy Horizon Institute (LEHI) is designed to educate state and provincial legislators and policymakers on the North American energy infrastructure and delivery system. The Institute's comprehensive curriculum helps policymakers understand how energy systems and infrastructure work, how energy infrastructure is built and financed, and the regulation and market impacts on energy infrastructure.
- **Major Partners** – Include PNWER, Dept. of Energy, National Conference of State Legislatures, and University of Idaho.
- **Growing Partnerships** - National Governors Association partnered with LEHI starting in 2021 to send 5 governor's advisors each year
- **Participant Feedback** - LEHI curriculum undergoes extensive evaluation process by LEHI Participants on knowledge gain, speaker quality, and topic saliency. Participants gave the 2022 LEHI sessions a 4.9 out of 5.0 overall rating

# Legislative Energy Horizon Institute

- Since inaugural class in 2009, over 350+ LEHI alumni
  - Graduates from 42 States (4 new states in 2022), 5 Canadian Provinces/Territories, D.C., and Puerto Rico
  - 147 LEHI graduates still actively serving in legislatures
  - 45+ LEHI graduates currently serving as chair or vice-chair of energy or environment committee in their legislature
- Graduates receive Certificate in Energy Policy Planning after completing 60 hr program
- 2022 LEHI Cohort included 40 legislators and policymakers from 27 US and Canadian jurisdictions – most geographically diverse class yet
- 33 Oregon legislators have graduated from LEHI (\$260,000+ in LEHI scholarships awarded to OR legislators)



Sen. DeAndrea Salvador (NC) at the 2022 Graduation



LEHI Classroom Session in D.C.

# 2022 Richland and DC Session Evaluations

Content and Speaker Ratings Summary
Content Saliency--Range: 4.50--4.93; Average 4.70
Speaker Quality—Range: 4.50-4.90; Average 4.68

Session/Speaker	Time on Agenda	Did We Spend Right Amount of Time?	Learning Outcome Knowledge Gain
<b>Fundamentals:</b>			
Electric (Collier-UI)	4 hrs 50 min	74% said yes (+)	39%
Gas (Amezquita-Northwest Pipeline)	2 hrs	74%+	57%
Renewables (Stephen-NREL)	1.5 hrs	79%+	36%
Smart Grid (Homer-PNNL)	1 hr	75%+	60%
Rate of Return (Danner-WA PUC)	1 hr	68%+; 26% more	64%
Financing Projects (Murray-Dominion)	1 hr	79%+	61%
Nuclear (Golightly-Energy Northwest)	50 min	97%+	57%
Advanced Nuclear (Cullen-Energy Northwest)	1 hr	89%+	41%
Petroleum (Moore-UI; Online; 28 completed the session)	1.8 hrs	83%+	
<b>Hands on Application</b>			
IRP Exercise (Thackston, Avista)	1hr 50 min	100%+	69%
<b>Trends</b>			
Business Models (Satchwell-Lawrence Berkeley Natl Lab)	50 min	90%+	59%
State Policy Trends (Ray-NCSL)	50 min	87%+	35%
Geopolitics (McCormack)	1 hr 20 min	62%+; 38% more	39%
<b>Tours</b>			
Energy Ops Center (PNNL)	1 hr 20 min	100%+	
Ice Harbor Dam Tour (optional for early arrivals, 27 attended)	3 hrs	100%+	
Energy Storage/Battery Tour (PNNL)	1.5 hrs	87%+	
Nuclear Plant Tour	4 hrs 35 min	89%+	

Content and Speaker Ratings Summary
Content Saliency--Range: 3.91-4.93; Average: 4.46
Speaker Quality--Range 3.25-4.81; Average: 4.32

Session/Speaker	Time On Agenda	Did We Spend Right Amount of Time?	Learning Outcome Knowledge Gain
Global Market Outlook (Cohen, BP; Schulz, ExxonMobil)	1 hr 50 min	88% said yes (+)	26%
FERC (Fisher, EEI)	50 min	76%+	44%
Public Power (Waterhouse, APPA)	50 min	84%+	35%
Future of Hydrogen (Hurst*, NREL)	50 min	65%+; 29% more	41%
Natural Gas Vehicles (Gage, <u>NGVAmerica</u> )	50 min	88%+	67%
Electrification of Transportation (Dunckley, EPRI)	50 min	91%+	32%
Putting New Knowledge to Work (Koch, LEHI Alum)	30 min	88%+	
Cyber Security (Aaronson, EEI; Denbow, AGA; Samford, SE)	1 hr 40 min	83%+	35%
Infrastructure Resilience (Martin, Levy, DOE)	50 min	77%+	39%
Future of Nuclear Energy (Bevill*, Saraeva*, DOE; Nichol, NEI)	1 hr	87%+	34%
IJA and IRA (Baumann, DOE)	50 min	90%+	29%
DER (Reeve, PNNL; Kristov, SE)	50 min	82%+	36%
Reimagining Utilities (Kavanagh, AEP)	50 min	89%+	52%
Pathways Alliance (Wegner, Suncor)	50 min	90%+	58%
<u>MegaModel</u> Simulation (Dr. Rim, Gettysburg College)	2 hrs 30 min	78%+	61%
*Speaker Quality Rated Below 4.0			

# Oregon LEHI Alumni



- Hugh Ady '17 (staff)
- Greg Alderson '16 (staff)
- Sen. Herman Baertschiger '18
- Rep. Cliff Bentz '16
- Sen. Lee Beyer '16
- Rep. Daniel Bonham '19
- Rep. Deborah Boone '13
- Sen. Michael Dembrow '16
- Sen. Jackie Dingfelder '12
- Sen. Chris Edwards '15
- Sen. Lew Frederick '17
- Sen. Bill Hansell '14
- Rep. Ken Helm '15
- Rep. John Huffman '12
- Alexa Jakusovsky '19 (staff)
- Jennifer Jolly '22
- Rep. Mark Johnson '15
- Sen. Dennis Linthicum '17
- Sen. James Manning, Jr. '18
- Rep. Pam Marsh '17
- Rep. Caddy McKeown '14
- Sen. Alan Olsen '14
- Rep. Mark Owen '21
- Rep. David Brock Smith '22
- Rep. Janeen Sollman '21
- Rep. Jeff Reardon '14
- Beth Reiley '18 (staff)
- Sen. Arnie Roblan '16
- Rep. Andrea Salinas '19
- Rep. Marty Wilde '21
- Rep. Matt Wingard '10
- Rep. Brad Witt '10
- Taylor Smiley Wolfe '18 (staff)



# 2023 LEHI Cohort

Apply at [bit.ly/lehi2023apply](https://bit.ly/lehi2023apply)

Application deadline for 2023 extended to May 15. Cohort will be selected by June 1.

Tuition and travel and accommodations scholarships available to Oregon legislators

## 2023 Dates:

- LEHI Session 1: July 7-11 at Pacific Northwest National Laboratory in Richland, WA
- LEHI Session 2: October 11-14 in Washington, D.C.

More info at [www.lehi.institute](http://www.lehi.institute) or email [nate.weigel@pnwer.org](mailto:nate.weigel@pnwer.org)



Sen. Janeen Sollman, 2021 Graduate



Sen. David Brock Smith, 2022 Graduate



Interactive utility capacity planning simulation by NARUC

# 2022 LEHI Graduating Class



The LEHI graduating class at the Graduation Ceremony at the Embassy of Canada to the U.S. in Washington, D.C.

# 32ND PNWER ANNUAL SUMMIT

JULY 16-20, 2023 | BOISE, IDAHO

[pnwer.org/2023-summit](https://pnwer.org/2023-summit)

## WHY SHOULD YOU ATTEND?

The PNWER Annual Summit provides the opportunity to:

- Learn about key economic issues facing the region
- Collaborate and establish partnerships with Canadian & U.S. public & private sector leaders
- Strengthen regional networks and cooperation
- Advocate for regional policies and cross-jurisdictional initiatives



10 Provinces,  
States, &  
Territories



20+ Sessions  
& Networking  
Breaks



125+ Speakers  
from Canada  
& the U.S.



500+ Legislators,  
Business Leaders,  
& Decision Makers



# Contact

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