RE-2 Employee Post Travel Disclosure of Travel Expenses

Date/Time Stamp

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2024 AUG 28 PM 1:04

Post Travel Filing Instructions: Complete this form within **30 days** of returning from travel. Submit all forms to the Office of Public Records in 232 Hart Building.**This form is a public disclosure. The form and all attachments will be made publicly available.**

Certification:*In compliance with the Regulations Governing Privately Sponsored Travel, Senate Rule 35, and the Honest Leadership and Open Government Act of 2007, I certify that I accepted the following gift of privately sponsored travel:*

Private Sponsor(s):
ClearPath, Inc.

Travel Dates:
08/05/2024 to 08/08/2024

Name of accompanying family member (if any):

Relationship to Traveler:

Expenses

Transportation Expenses	Lodging Expenses	Meals Expenses	Other Expenses (Amount & Description)
$1,412.69	$733.00	$522.00	$0.00

I also certify that attached to this form are all required documents for post travel disclosure, including:

- **The final Employee Pre-Travel Authorization** (Form RE-1)
- The final **Private Sponsor Travel Certification Form** with all attachments
- The final invitation
- The final approved itinerary

Finally, I certify that all trip information reflected in the attachments above accurately reflects the travel that I accepted. If there were any changes to the trip after I received approval from the Committee, the changes are described in ATTACHMENT 1.

8/27/2024
Date

Eric Gustafson
Printed Name of Traveler

Signature of Traveler

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER

I have made a determination that the expenses set out above in connections with travel described in the Employee Pre-Travel Authorization form, are necessary transportation, lodging, and related expenses as defined in Rule 35.

8/27/2024
Date

Signature of Supervising Senator/Officer

ATTACHMENT 1 – CHANGES FROM APPROVED PRE-TRAVEL

Note: Material changes to a trip that occur after the Committee has issued an approval letter may invalidate the Committee's approval. Please contact the Committee with any questions regarding changes to an approved trip.

Were there any changes to the pre-approved travel expenses? (Transportation, Meals, Lodging, Other)?

● Yes ○ No

Expense Change	Revised Amount	Explanation
Meals	$522.00	ClearPath received menus and contracts in mid July from vendors/ restaurants to host a group of our size. As we were waiting on trip approval from the committee, prices and menu options fluctuated and were ultimately higher than originally estimated in the pre-trip submission . Additionally, there was an issue on the ground where meal options that we initially ordered for the group were not available when we arrived onsite and we needed to pivot to what the restaurant had on hand.
Transportation	$1,412.69	The cost of airfare increased between the quoted price on pre-trip forms and when travel was booked.

Were there any changes to the pre-approved itinerary?

○ Yes ● No

Explanation: There were no changes to the pre-approved itinerary.

Were there any additional changes to the pre-approved trip?

○ Yes ● No

Explanation: There were no additional changes to the pre-approved trip.

RE-1 Employee Pre-Travel Authorization

Date/Time Stamp

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days prior to the travel departure date to the **Select Committee on Ethics in SH-220.** Incomplete and late travel submissions will **not** be considered or approved.

Name of Traveler:
Eric Gustafson

Employing Office/Committee:
HOEVEN, JOHN

Private Sponsor(s):
ClearPath, Inc.

Destination(s):
Richland, Washington Port Ludlow, Washington Seattle, Washington

Travel Dates:
08/05/2024 to 08/08/2024
NOTE: If you plan to extend the trip for any reason you **must** notify the Committee.

Explain how this trip is specifically connected to the traveler's official or representational duties.

As the policy advisor responsible for energy and environmental issues, this trip will allow me to learn more about emerging energy technologies, including those related to carbon capture and storage, and the trip includes a focus on the research work at the Pacific Northwest National Laboratory. The trip's site visits and meetings are related to current policy topics under the jurisdiction of the Senate Energy and Natural Resources Committee and the Senate Appropriations Committee.

Do you have an accompanying family member or spouse on this trip?
No

Name and Relationship to Traveler:
N/A

I certify that the information contained in this form is true, complete and correct to the best of my knowledge.

7/2/2024
Date

Signature of Employee

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER
(President of the Senate, Secretary of the Senate, Sergeant at Arms, Secretary for the Majority, Secretary for the Minority, and Chaplain)

I Senator John Hoeven (Print Senator's/Officer's Name) hereby authorize Eric Gustafson (Print Traveler's Name)

an employee under my direct supervision, to accept payment or reimbursement for necessary transportation, lodging, and related expenses for travel to the event described above. I have determined that this travel is in connection with his or her duties as a Senate employee or an officeholder, and will not create the appearance that he or she is using public office for private gain.

I have also determined that the attendance of the employee's spouse or child is appropriate to assist in the representation of the Senate.

☐ (signify "yes" by checking box)

7/2/2024
Date

Signature of Supervising Senator/Officer

ClearPath, Inc.: ClearPath Clean Energy Innovation Academy 2024 Trip to Washington State

Eric Gustafson

Title:
None

Employing Office/Committee:
HOEVEN, JOHN

Duty Station:
WASHINGTON,DC

Destination(s):
Richland, Washington
Port Ludlow, Washington
Seattle, Washington

Explain how this trip is specifically connected to the traveler's official or representational duties:

As the policy advisor responsible for energy and environmental issues, this trip will allow me to learn more about emerging energy technologies, including those related to carbon capture and storage, and the trip includes a focus on the research work at the Pacific Northwest National Laboratory. The trip's site visits and meetings are related to current policy topics under the jurisdiction of the Senate Energy and Natural Resources Committee and the Senate Appropriations Committee.

Name of accompanying family member (if any):
Not Entered

Name and Relationship to Traveler:
None

Organization Information

Organization Name
ClearPath, Inc.

Is your organization classified as a §501(c)(3)?
● Yes ○ No

§501(c)(3) Organization Type
Public Charity

Address
518 C St NE

Address 2 (Optional)
Suite 300

City, State Zip
Washington, District Of Columbia 20002 United States

Phone Number
845-380-1015

Organization URL
clearpath.org

History of Congressional Travel

ClearPath previously sponsored a 2019 trip for Congressional staff to Abu Dhabi, United Arab Emirates. Additionally, ClearPath sponsored a 2022 Clean Energy Innovation Academy trip for Senate and House Staff to Chicago, IL and a 2023 Clean Energy Innovation Academy trip for House Congressional Staff to Cleveland.

Educational Activities

ClearPath is a 501(c)(3) organization that seeks to educate the public and private sectors about innovative and market-competitive clean energy technologies and policies through educational briefings, workshops, and publications

Lobbyist and Foreign Agent Registration Information

Lobbyist Registration Status: *I certify that the sponsor is not a federally registered lobbyist but retain or employ one or more federally registered lobbyists.*

Foreign Agent Registration Status: *I certify that the sponsor is not an agent of a foreign principal and do not retain or employ an agent of a foreign principal.*

Foreign Government Involvement

Foreign Agent Registration Status:

- ● I certify that the sponsor is not a foreign government.
- ● I certify that the sponsor is not an entity that is owned or operated by a foreign government.

- [x] I certify that the sponsor does not receive funding from a foreign government.

Comments

None Entered

Signature Page

The signature page is below.

Purpose and Details

Provide a brief description of the trip.

The 2024 Clean Energy Innovation Academy (CEIA) trip will bring Senate staff to Washington State to tour Energy Northwest's Columbia Generating Station nuclear power plant, the Department of Energy's Pacific Northwest National Laboratory, Ebb Carbon, and Helion fusion energy company. Additionally, staff will participate in educational briefings with other private sector stakeholders such as Framatome, Sila Nanotechnologies, TerraPower, and Microsoft who are building and investing in critical clean energy technologies.

Explain how the purpose of the trip relates to your organization's mission.

ClearPath's mission is to accelerate American innovation to reduce global energy emissions. Participants on this trip will have the opportunity to witness and learn about existing and developing innovative American clean energy technologies such as nuclear energy, fusion, energy and carbon dioxide removal, and engage with experts and private sector companies in the field.

Is your organization the only sponsor for this trip?

- [x] Yes
- [ ] No

Grantmaking Organizations (Optional)

There are no grantmaking organizations.

With or Without Regard for Congressional Participation

The trip is arranged or organized specifically with regard to congressional participation.

Lobbyist/Foreign Agent Involvement in Planning, Organizing, Requesting or Arranging

- [x] The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal, other than de minimis involvement.

Lobbyist/Foreign Agent Financing

- [x] The trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.
- [x] No funds or in-kind contributions were earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.

Lobbyist/Foreign Agent Accompaniment

Complete if all sponsors are §501(c)(3) organizations

- [x] The trip is limited to three days (for trips inside the continental United States) or seven days (for trips outside the continental United States), and no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip
- [ ] The trip is limited to a one-day event (exclusive of travel time and **one** overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip
- [ ] The trip is limited to a one-day event (exclusive of travel time and **two** overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip

Complete if any of the sponsors is not a §501(c)(3) organizations.

- [ ] The trip is limited to three days (for trips inside the continental United States) or seven days (for trips outside the continental United States), and no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip
- [ ] The trip is limited to a one-day event (exclusive of travel time and **one** overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip
- [ ] The trip is limited to a one-day event (exclusive of travel time and **two** overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip

Certification of No Recreational Activity and No Alcohol

- Travel expenses paid for will not include expenditures for recreational activities.
- Travel expenses paid for will not include expenditures for alcohol, except as permitted by the Regulations Governing Privately Sponsored Travel.

Invitees

Members and staff from the House of Representatives **will not** receive invitations.

The list of invitees is below.

Travel Details

Trip Start Date/Time:
08/05/2024 @ 07:02 AM

⇄

Trip End Date/Time:
08/08/2024 @ 04:17 PM

Will the traveler be accompanied by a family member for whom the sponsor will pay travel expenses?

○ Yes ● No

Itinerary

The itinerary is below.

Transportation (Per Member/Officer/Employee: $1,324.12 | Accompanying Family Member: $0.00)

Transportation Type	Class	Amount
Airfare	Coach	$760.00

Note
Round trip airfare including: 8/5 Alaska Air 499/2133 IAD-SEA-PSC 8/6 Alaska Air 2019 PSC-SEA 8/8 United Air 1360 SEA-IAD

Ground Transportation	N/A	$564.12

Note
Ground transportation for the duration of the trip to include coach bus and vans.

Lodging (Per Member/Officer/Employee: $733.00)

Check-In	Check-Out	Facility	City	State	Country	Nights	Cost/Night	Cost Exceed Per Diem
08/05/2024	08/06/2024	Courtyard Richland Columbia Point	Richland	Washington	United States	1	$175.00	Yes

Cost Exceeds Per Diem Reason
Summer seasonal travel and inflation

08/06/2024	08/07/2024	Port Ludlow Resort	Port Ludlow	Washington	United States	1	$289.00	Yes

Check-In	Check-Out	Facility	City	State	Country	Nights	Cost/Night	Cost Exceed Per Diem

Cost Exceeds Per Diem Reason
Summer seasonal travel and inflation.

08/07/2024	08/08/2024	Kimpton Palladian Hotel	Seattle	Washington	United States	1	$269.00	Yes

Cost Exceeds Per Diem Reason
A city wide convention in Seattle is causing prices to be higher.

Meals (Per Member/Officer/Employee: $260.00)

Date	Breakfast	Lunch	Dinner	Incidentals	Total	City	State	Country	Cost Exceeds Per Diem
08/05/2024	$0.00	$0.00	$30.00	$0.00	**$30.00**	Richland	Washington	United States	Yes

Cost Exceeds Per Diem Reason
Estimated costs are higher than the federal per diem rate due to continued inflation levels that are impacting food prices.

08/06/2024	$25.00	$30.00	$45.00	$0.00	**$100.00**	Richland/ Port Ludlow	Washington	United States	Yes

Cost Exceeds Per Diem Reason
Estimated costs are higher than the federal per diem rate due to continued inflation levels that are impacting food prices.

08/07/2024	$25.00	$30.00	$50.00	$0.00	**$105.00**	Port Ludlow/ Sequim/ Seattle	Washington	United States	Yes

Cost Exceeds Per Diem Reason
Estimated costs are higher than the federal per diem rate due to continued inflation levels that are impacting food prices.

08/08/2024	$25.00	$0.00	$0.00	$0.00	**$25.00**	Seattle	Washington	United States	Yes

Cost Exceeds Per Diem Reason
Estimated costs are higher than the federal per diem rate due to continued inflation levels that are impacting food prices.

Reasonable Miscellaneous Expenses (Per Member/Officer/Employee: $0.00)

Expense Type	Amount	Notes

There are no miscellaneous expenses.

Additional Attachments

Document Name

There are no additional attachments.

PRIVATELY SPONSORED TRAVEL

SPONSOR SIGNATURE PAGE

I hereby certify that the information submitted in connection with the trip listed below is true, complete, and correct to the best of my knowledge and belief.

Trip Name: ClearPath Clean Energy Innovation Academy 2024 Trip to Washington State

Travel Date(s): 8/5/2024-8/8/2024

Travel Destination(s): Washington State (Richland, Port Ludlow, Sequim, Seattle)

Sponsor: ClearPath, Inc.

Jeremy Harrell — *(printed name of sponsor representative)*

CEO — *(title)*

(signature of sponsor representative)

June 21, 2024 — *(date)*

First Name	Last Name	Email	Office
Lucas	Agnew	lucas_agnew@appro.senate.gov	Senate Appropriations Committee
Laura	Atcheson	laura_atcheson@cornyn.senate.gov	Sen. John Cornyn (R-TX)
Bailey	Beckman	Bailey_beckman@ernst.senate.gov	Sen. Joni Ernst (R-IA)
Ashlynne	Beninga	ashlynne_beninga@ricketts.senate.gov	Sen. Pete Ricketts (R-NE)
Baxter	Carr	baxter_carr@epw.senate.gov	Senate Environment and Public Works Committee
Lucas	Da Pieve	lucas_dapieve@hagerty.senate.gov	Sen. Bill Hagerty (R-TN)
Stacey	Daniels	stacey_daniels@lummis.senate.gov	Sen. Cynthia Lummis (R-WY)
Will	Dixon	will_dixon@epw.senate.gov	Senate Environment and Public Works Committee
Lindsay	Garcia	lindsay_garcia@appro.senate.gov	Senate Appropriations Committee
Scott	Graber	scott_graber@lgraham.senate.gov	Sen. Lindsey Graham (R-SC)
Eric	Gustafson	eric_gustafson@hoeven.senate.gov	Sen. John Hoeven (R-ND)
Chrissy	Harbin	Christine_Harbin@cassidy.senate.gov	Sen. Bill Cassidy (R-LA)
Lucas	Heitkamp	Lucas_Heitkamp@rounds.senate.gov	Sen. Mike Rounds (R-SD)
Ashley	Higgins	Ashley_Higgins@Lankford.senate.gov	Sen. James Lankford (R-OK)
Peter	Hoffman	Peter_Hoffman@epw.senate.gov	Senate Environment and Public Works Committee
Brian	Hughes	brian_hughes@murkowski.senate.gov	Sen. Lisa Murkowski (R-AK)
Andrew	Kelley	andrew_kelley@boozman.senate.gov	Sen. John Boozman (R-AR)
Emy	Lesofski	emy_lesofski@appro.senate.gov	Senate Appropriations Committee
Valerie	Manak	valerie_manak@energy.senate.gov	Senate Energy & Natural Resources Committee
Chris	Marohl	chris_marohl@cramer.senate.gov	Sen. Kevin Cramer (R-ND)
Justin	Memmott	justin_memmott@energy.senate.gov	Senate Energy & Natural Resources Committee
Christopher	Miller	christopher_miller@hydesmith.senate.gov	Sen. Cindy Hyde-Smith (R-MS)
Burke	Miller	burke_miller@young.senate.gov	Sen. Todd Young (R-IN)
Ryan	Mowrey	ryan_mowrey@graham.senate.gov	Sen. Lindsey Graham (R-SC)
Ayla	Neumeyer	ayla_neumeyer@risch.senate.gov	Sen. Jim Risch (R-ID)
Anna	Newton	anna_newton@appro.senate.gov	Senate Appropriations Committee
Katharine	Noyes	katharine_noyes@src.senate.gov	Sen. John Barrasso (R-WY)
Molly	Ross	molly_ryan@collins.senate.gov	Sen. Susan Collins (R-ME)
Luisa	Smith	Luisa_Smith@Risch.senate.gov	Sen. Jim Risch (R-ID)
Charlotte	Taylor	Charlotte_Taylor@energy.senate.gov	Senate Energy & Natural Resources Committee
Aaron	Thiele	aaron_thiele@murkowski.senate.gov	Sen. Lisa Murkowski (R-AK)

Jake	Tyner	jake_tyner@sullivan.senate.gov	Sen. Dan Sullivan (R-AK)
Harrison	Walker	harrison_walker@tillis.senate.gov	Sen. Thom Tillis (R-NC)
Andrew	Williams	andrew_williams@lummis.senate.gov	Senate Western Caucus/ Senator Cynthia Lummis (R-WY)
Ryan	Wrasse	ryan_wrasse@thune.senate.gov	Sen. John Thune (R-SD)
Daniel	Yarbrough	daniel_yarbrough@britt.senate.gov	Sen. Katie Britt (R-AL)
Andy	Zach	andrew_zach@epw.senate.gov	Senate Environment and Public Works Committee

Gustafson, Eric (Hoeven)

From: Amanda Sollazzo <sollazzo@clearpath.org>
Sent: Wednesday, April 24, 2024 10:00 AM
To: Gustafson, Eric (Hoeven)
Cc: Dillyn Carpenter
Subject: Invitation: ClearPath August 2024 CEIA Trip to Washington State- Eric Gustafson

Hi Eric,

ClearPath invites you to attend our 2024 Clean Energy Innovation Academy (CEIA) Staff Delegation Trip to Washington state August 5-8, 2024.



Site visits include: Pacific Northwest National Lab, Columbia Generating Station nuclear power plant, Ebb Carbon, and Microsoft*
**Itinerary is subject to change- a formal agenda is forthcoming*

If you are interested in attending this trip, please respond to Amanda Sollazzo (sollazzo@clearpath.org) and Dillyn Carpenter (carpenter@clearpath.org) as soon as possible, as space is limited. We will accept RSVPs on a first come, first served basis.

Participation in this staff delegation trip will require the submission of the appropriate Senate Ethics travel forms. All required travel forms will be sent in advance of Ethics deadlines. Travel requests for trips **must be submitted** to the Senate Ethics Committee at least 30 days prior to the trip, which is Friday, July 5th.

**Please note that this invitation is non-transferable.*

ClearPath is a 501(c)(3) nonprofit organization, and this event is designed to comply with U.S. Senate Ethics Rules.

Looking forward to hearing from you!

Best,
Amanda

--

Amanda Sollazzo
Government Affairs Advisor
ClearPath
845-380-1015

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Clean Energy Innovation Academy (CEIA) - Washington State

The Clean Energy Innovation Academy (CEIA) is an ongoing educational series with briefings focused on conservative clean energy and industrial technology and policy, featuring discussions from industry experts, academia and the public sector. The 2024 series will feature a site visit to Washington state to visit Pacific Northwest National Laboratory, Energy Northwest, Ebb Carbon, and Helion.

2024 StaffDel Itinerary

ClearPath Points of Contact:

Dillyn Carpenter
E: carpenter@clearpath.org
M: 804-514-3617

Amanda Sollazzo
E: sollazzo@clearpath.org
M: 845-380-1015

Monday, August 5th:

- **7:02 AM ET - 9:44 AM PT – Alaska Airlines Flight 499 from IAD to Seattle-Tacoma International Airport (SEA)**
- **9:44 AM - 12:16 PM – Layover in SEA**
  - *Lunch on your own at airport*
- **12:16 PM - 1:12 PM – Alaska Airlines Flight 2133 from SEA to Tri-Cities Airport (PSC)**
- **1:12 PM – Wheels Down**
  - *Deplane, collect bags, head to coach bus*
- **1:45 PM - 2:20 PM – Board Coach Bus and Travel from PSC to Energy Northwest Columbia Generating Station**
  - ***Location:*** *76 N Power Plant Loop, Richland, WA 99352*
  - ***Transportation:*** *Coach Bus*
  - ***Briefer:***
    - *Introductions from ClearPath team and Congressional Attendees*
    - *Jake Kincer, Program Manager for Nuclear Energy Policy, ClearPath*
  - ***Topic:*** *This will be an educational briefing on the basics of nuclear fission and how nuclear power plants function. We will cover the importance of keeping*

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existing nuclear energy open for energy security and emissions reductions and the role new nuclear could play in meeting these goals.

- **2:20 PM - 2:35 PM – Arrival at Energy Northwest Columbia Generating Station Kootenai Building**
  - ***Location:*** *76 N Power Plant Loop, Richland, WA 99352*
  - ***Briefer:***
    - *Kelly Rae, Public Affairs – External Relations Program Manager*
  - ***Description:*** *This visit includes a tour of a world-class nuclear power plant with excellent operations and safety track record. The visit will highlight how Energy Northwest is dedicated to keeping existing nuclear running while partnering with companies like X-Energy to deploy the next generation of plants.*

- **2:35 PM - 3:05 PM – Pre-tour presentation with Energy Northwest Leadership**
  - ***Briefers:***
    - *Bob Schuetz, CEO*
    - *Greg Cullen, Vice President for Energy Services and Development*
    - *Kelly Rae, Public Affairs – External Relations Program Manager*
  - ***Description:*** *Attendees will learn from experts how a Boiling Water Reactor (BWR) functions and the main components of a nuclear power plant.*

- **3:05 PM - 3:20 PM – In Room Security Badging**

- **3:20 PM - 3:55 PM – Control Room Simulator Tour**
  - ***Briefer:***
    - *Greg Cullen, Vice President for Energy Services and Development*
  - ***Description:*** *Tour of a full-scale model of the main control room of a nuclear power plant, where all operations are directed.*

- **3:55 PM - 4:15 PM – Travel to Security Screening at the Protected Area Access Point (PAAP)**

- **4:15 PM - 4:40 PM – Travel to Yakima Building for Health Physics Briefing**
  - ***Briefer:***
    - *Greg Cullen, Vice President for Energy Services and Development*
  - ***Description:*** *Attendees will receive a required Health Physics briefing covering safety measures at the nuclear power plant.*

- **4:40 PM - 5:40 PM – Tour of the Columbia Generating Station complex**
  - ***Briefer:***
    - *Greg Cullen, Vice President for Energy Services and Development*
  - ***Description:*** *Attendees will take a walking tour of the complex, including the reactor and turbine buildings, and spent fuel pool.*

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- **5:40 PM - 5:50 PM – Exit Radiologically Controlled Area (RCA)**
  - ***Description:*** *Attendees will return dosimetry, which monitors radiological exposure during the visit.*

- **5:50 PM - 6:15 PM – Visit Independent Spent Fuel Storage Installation (ISFSI)**
  - ***Briefer:***
    - *Greg Cullen, Vice President for Energy Services and Development*
  - ***Description:*** *Attendees will see where spent nuclear fuel is stored safely on an interim basis in large concrete casks.*

- **6:15 PM - 7:00 PM – Board Coach Bus and Travel from Energy Northwest Columbia Generating Station to hotel**
  - ***Location:*** *Courtyard Richland Columbia Point - 480 Columbia Point Dr, Richland, WA 99352*
  - ***Transportation:*** *Coach Bus*

- **7:00 PM - 7:30 PM – Check into hotel / Executive time**

- **7:30 PM - 7:35 PM – Walk to restaurant for educational dinner**

- **7:35 PM - 9:30 PM – Educational Dinner**
  - ***Location:*** *Anthony's at Columbia Point - 550 Columbia Point Dr, Richland, WA 99352*
  - ***Speakers:***
    - Jud Virden, Associate Laboratory Director, Energy and Environment, Pacific Northwest National Laboratory (PNNL)
    - Bob Freeman, Chief Growth Officer for Fuel Business, Framatome
  - ***Topic:*** We will discuss the growing trend of bringing clean energy supply chains to the United States, with two corporations giving perspectives on their efforts in Washington State. To pair with our visit to Pacific Northwest National Lab, we will highlight the role of the National Labs in supporting the growth of domestic clean energy technologies in fields such as critical minerals, batteries, and nuclear fuel.

- **9:30 PM – Depart restaurant, return to hotel**

- **RON**

Tuesday, August 6th:

- **7:45 AM - 8:15 AM – Breakfast at hotel**

- **8:15 AM - 8:30 AM – Board Coach Bus and Travel from hotel to Pacific Northwest National Laboratory (PNNL)**

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- ***Location:*** *3335 Innovation Boulevard Richland, WA 99354*
- ***Transportation:*** *Coach Bus*
- ***Briefer:***
  - *Jeremy Harrell, CEO, ClearPath*
- ***Description:*** *Overview of the Department of Energy National Lab system, and how National Labs like PNNL contribute to cutting-edge energy innovation, including through partnerships with private industry*

- **8:30 AM - 8:45 AM – Arrival at Pacific Northwest National Laboratory & Badging**
  - ***Location:*** *Environmental Molecular Sciences Laboratory (EMSL)*

- **8:45 AM - 9:15 AM – Welcome, Introductions, and Laboratory Overviews**
  - ***Location:*** *Environmental Molecular Sciences Laboratory (EMSL), Room 1077*
  - ***Briefers:***
    - *Jaime Shimek, Executive Director, Communications and External Engagement*
    - *Jud Virden, Associate Laboratory Director, Energy and Environment, Pacific Northwest National Laboratory (PNNL)*
  - ***Description:*** *Leadership from the Pacific Northwest Site Office and Pacific Northwest National Laboratory will provide brief overviews of the site office and laboratory, including an overview of PNNL's science and technology portfolio, facilities, and the lab's priorities.*

- **9:15 AM - 9:55 AM – Carbon Capture and Utilization**
  - ***Location:*** LSL 1416 and 1420
  - ***Briefer:***
    - *Casie Davidson, Manager, Carbon Management & Fossil Energy Sector*
  - ***Description:*** *PNNL leads the development of higher efficiency carbon capture solvents, along with innovative approaches to converting captured carbon dioxide into useful chemicals. Visitors will visit two laboratories.*

- **9:55 AM - 10:35 AM – Tour of Applied Engineering Laboratory, Advanced Manufacturing to Reduce Carbon- Intensity of Processing/Recycling Metals**
  - ***Location:*** **Applied Engineering Laboratory**
  - ***Briefers:***
    - *Cindy Powell, Chief Science and Technology Officer*
    - *Keerti Kappagantula, Senior Scientist and the Team Leader for Functional Materials and Enabling Technologies Team*

  - ***Description:*** *PNNL researchers are developing a scalable new*

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approach to metals manufacture that is faster, cheaper and better than conventional melt-based methods. Solid Phase Processing involves the application of a high strain during materials synthesis and/or fabrication, to produce high- performance materials without melting the constitutive materials. SPP capabilities at PNNL include friction stir welding, friction stir processing, Shear Assisted Processing & Extrusion (ShAPE) and cold spray.

- **10:35 AM - 11:30 AM – Advancing the Next Generation of Grid Energy Storage Technologies | Grid Storage Launchpad Tour**
  - ***Location:*** *Grid Storage Launchpad*
  - ***Briefer:***
    - ***Briefer****: Vince Sprenkle, Director, Grid Storage Launchpad;*
    - ***Description:*** *Visitors will tour the Grid Storage Launchpad (GSL), a new national capability for accelerating the development and deployment of next-generation energy storage technologies to assure the future electric grid is resilient, reliable, and secure and to enable vehicle electrification. This facility, funded by the Department of Energy's Office of Electricity, will bring together advanced materials and characterization tools and device prototyping, and up to 100kW-scale testing facilities to offer systematic and independent validation to the entire energy storage development cycle.*

- **11:30 AM - 12:20 PM – Energy Analytics**
  - ***Location:*** *Electricity Infrastructure Operations Center (EIOC)*
  - ***Briefer:***
    - *Jason Fuller, Principal Research Engineer, Electricity Security, Energy and Environment*
  - ***Description:*** *Visitors will tour PNNL's Electricity Infrastructure Operations Center (EIOC), the nerve center for PNNL's leadership in grid modernization and decarbonization. Here we will dive deeper into our analytics capabilities.*

- **12:20 PM - 1:30 PM – Working lunch Discussion and Visit Wrap Up**
  - ***Location:*** *Environmental Molecular Sciences Laboratory (EMSL)*
  - ***Briefers:***
    - *Steve Ashby, Director, Pacific Northwest National Laboratory*
    - *Jaime Shimek, Executive Director, Communications and External Engagement*
    - *Jud Virden, Associate Laboratory Director, Energy and Environment, Pacific Northwest National Laboratory (PNNL)*
  - ***Description:*** *Visitors will eat lunch and participate in an information roundtable discussion with laboratory leadership and subject matter experts.*

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- **1:30 PM - 2:00 PM – Board Coach Bus and Travel from Pacific Northwest National Laboratory (PNNL) to PSC Airport**
  - ***Transportation:*** *Coach bus*

- **2:00 PM - 3:35 PM – Arrive at airport; Executive Time**

- **3:35 PM - 4:38 PM – Alaska Airlines Flight 2019 from PSC to Seattle-Tacoma International Airport (SEA)**

- **4:38 PM - 5:15 PM – Arrive at SEA**
  - *Deplane, collect bags*

- **5:15 PM - 7:30 PM – Board Vans and Travel from SEA to hotel**
  - ***Location:*** *Port Ludlow Resort - 1 Heron Rd, Port Ludlow, WA 98365*
  - ***Transportation:*** *Vans*

- **7:30 PM - 7:45 PM – Check into hotel / Executive Time**

- **7:45 PM - 9:30 PM – Educational Dinner**
  - ***Location:*** *The Sun Room - Port Ludlow Resort - 1 Heron Rd, Port Ludlow, WA 98365*
  - ***Speakers:***
    - *Jane Flegal, Market Development and Policy Lead, Stripe*
    - *David Barbieri, Director of Sustainability, Jason Imes, Market Development and Innovation Manager, Omya*
  - ***Description:*** *Dinner discussion will cover the importance of carbon dioxide removal (CDR) to help the private sector meet its net zero goals, the diverse types of CDR technologies and how they work, and how America has been leading the space. America has become a CDR innovation hub and the private sector has been supporting this in tandem through Advanced Market Commitments (AMC) for these technologies.*

- **RON**

Wednesday, August 7th:

- **7:00 AM - 7:30 AM – Breakfast at hotel**

- **7:30 AM - 8:30 AM – Board Vans and Travel from hotel to Ebb Carbon and PNNL Marine Sciences Laboratory**
  - ***Location:*** *1286 Harbor Road, sequim, WA 98382*
  - ***Transportation:*** *Vans*

- **8:30 AM - 11:00 AM – Tour of Ebb Carbon and PNNL Marine Sciences Laboratory**

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- ***Location:*** *1286 Harbor Road, Sequim, WA 98382*
- *Briefer:*
  - *Chris Meinig, Research Line Manager, Coastal Sciences, Energy and Environment, PNNL*
  - *Lenaig Hemery, Earth Scientist, Coastal Ecosystems & Community, PNNL*
  - *Dave Hegeman, Co-Founder and VP for Engineering, Ebb Carbon*
  - *Kyla Westphal, Advisor, Marketing & Communications, Ebb Carbon*
- ***Description:*** *Visitors will meet with leadership from Ebb Carbon who are currently working onsite at PNNL-Sequim. Ebb Carbon is pioneering a new carbon removal solution by enhancing the ocean's natural ability to safely store carbon dioxide. This electrochemical ocean alkalinity enhancement method has the potential to be one of the largest scale and lowest cost approaches to removing excess carbon dioxide while reducing ocean acidity. Visitors will tour several onsite labs and capabilities in support of these missions.*

- **11:00 AM - 2:00 PM – Board Vans and Travel and boxed lunch from Ebb Carbon to Helion**
  - ***Transportation:*** *Vans*
  - *Boxed lunch will be provided in vans for all attendees*

- **2:00 PM - 2:10 PM – Arrive at Helion and process through security**
  - ***Location:*** *1415 75th St SW, Everett, WA 98203*
  - ***Description:*** *Helion is building its 7th prototype – Polaris – which aims to, for the first time ever, demonstrate net electricity from fusion. Attendees will learn about this cutting-edge technology, the public and private support behind it, and the development and supply chain issues fusion faces. The visit will include a tour of Helion's factory and test reactors.*

- **2:10 PM - 3:30 PM – Tour of Helion Headquarters**
  - ***Briefers:***
    - *Jessie Barton, Director of Communications*
    - *Jackie Siebens, Director of Public Affairs*
    - *Sachin Desai, General Counsel*
    - *David Pritchard, Senior Advisor*
    - *Kyra Jorgensen, Communications & Outreach Specialist*
  - ***Description:*** *Attendees will visit Trenta, Helion's recently decommissioned prototype fusion reactor, the manufacturing facilities where Helion produces capacitors and other equipment necessary to operate fusion devices, the component testbed, and Ursa, the home of Polaris, which will be Helion's 7th fusion reactor prototype, where they aim to demonstrate net electricity gain by the end of 2024.*

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- **3:30 PM - 4:30 PM – Roundtable Discussion with Helion Leadership**
  - ***Briefers:***
    - *Jessie Barton, Director of Communications*
    - *Jackie Siebens, Director of Public Affairs*
    - *Sachin Desai, General Counsel*
    - *David Pritchard, Senior Advisor*
    - *Kyra Jorgensen, Communications & Outreach Specialist*
  - ***Description:*** *Attendees will have the opportunity for post-tour Q&A. This will include a discussion on recent breakthroughs in fusion technology, remaining obstacles related to supply chains, regulations, and commercialization, and major future milestones to watch for.*

- **4:30 PM - 5:45 PM – Board Vans and Travel from Helion to hotel in Seattle**
  - ***Location:*** *Kimpton Palladian Hotel - 2000 2nd Ave, Seattle, WA 98121*
  - ***Transportation:*** *Vans*

- **5:45 PM - 6:30 PM – Executive Time**

- **6:30 PM - 8:30 PM – Educational Dinner**
  - ***Location:*** *Shaker + Spear - Kimpton Palladian Hotel - 2000 2nd Ave, Seattle, WA 98121*
  - ***Speakers:***
    - *Marcia Burkey, Executive Vice President and Chief Financial Officer, TerraPower*
    - *Robin Langtry, CEO, Avalanche Energy*
    - *Jason Evans, Senior Director of Energy, Twelve*
    - *Brianne Miller, Energy and Sustainability Policy Director, Microsoft*
  - ***Topic:*** *Clean technologies are constantly evolving. What we thought was competitive 10 years ago is now being surpassed by newer, more efficient innovations. This dinner explores the latest advancements in clean energy and technologies that are driving the industry forward. Learn how these cutting-edge solutions are shaping the nuclear, carbon management, and energy industries and meet with leading experts who are at the forefront of this dynamic field.*

- **RON**

Thursday, August 8th:

- **6:00 AM - 6:30 AM – Board Vans and Travel and boxed breakfast from hotel to SEA**
  - ***Transportation:*** *Vans*

- **6:30 AM - 8:05 AM – Arrive at airport; Executive Time**

- **8:05 AM PT - 4:17 PM ET – United Airlines Flight 1360 from SEA to IAD**

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