



May 7-10, 2024
Three Rivers Convention Center
Tri-Cities, Washington

Tuesday, May 7	
3:00 pm – 4:30 pm	Nuclear 101 <i>*This session is optional*</i> <u>Who should attend:</u> Anyone interested in understanding the basics, opportunities, and challenges of nuclear projects. Dr. Patrick White , Research Director, Nuclear Innovation Alliance Kati Austgen , Senior Project Manager, New Reactors, Nuclear Energy Institute
5:00 pm – 7:00 pm	WELCOME RECEPTION *Sponsored by Terrestrial Energy
Wednesday, May 8	
7:30 am – 8:30 am	BREAKFAST *Sponsored by FLUOR
8:30 am – 9:00 am	Welcome from the Tri-Cities and Washington Delegation Brent Gerry, Mayor/CEO , City of Richland, and Chair of ECA Steven F. Ashby , Director, Pacific Northwest National Laboratory
9:00 am – 9:30 am	Office of Nuclear Energy Update Dr. Michael Goff , Principal Deputy Assistant Secretary, Office of Nuclear Energy, U.S. DOE (Invited)
9:30 am – 9:50 am	SNAPSHOT ON CFPP: Lessons Learned Mike Squires , Managing Director of Government Affairs, UAMPS
9:50 am – 10:10 am	Understanding the Timeline: The Lifecycle of a Nuclear Project This session will review where we are in the arc of new nuclear development in the US. Speakers will provide a realistic outlook for demonstration, licensing and deployment and opportunities for potential local, State or Tribal hosts to build momentum and efficiencies. Christine King , Director, Gateway for Accelerated Innovation in Nuclear (GAIN)
10:10 am – 10:40 am	Spreading the Message: Let's Talk About Nuclear Energy More education is needed in terms of the safety, cost, need and benefits of nuclear energy. But who is the right person to deliver the message, where and when? This session will look at

	<p>how existing energy communities can work with new voices to provide outreach and education to broader audiences.</p> <p>Taylor Stevenson, CEO, Envoy Public Labs</p> <p>Heather Hoff, Co-founder, Mothers for Nuclear</p> <p>Lukas Brun, Ph.D. Director, Research, E4 Carolinas</p> <p>Ann Verhey-Henke, Lead Project Manager, Fastest Path to Zero, University of Michigan</p>
10:40 am – 11:00 am	BREAK (Stream Developer Videos)
11:00 am – 11:30 am	<p>Building State Support for Nuclear Development</p> <p>States across the country – from Kentucky to New Hampshire, Tennessee to Nebraska and South Dakota, are funding feasibility studies, drafting legislation, and establishing commissions or boards to consider potential new nuclear development. Under consideration is how projects will be financed, potential incentives to attract developers or manufacturers, utilities' integrated resource plans, existing resources that can be leveraged, where a nuclear facility could be sited and how long these projects take. During this session, we will hear from state government representatives, members of these advisory groups and consider how potential host communities are or can be engaged.</p> <p>Tracy Boatner, President, of the East Tennessee Economic Council (ETEC)</p> <p>Kenya Stump, Executive Director, Kentucky Office of Energy Policy (<i>Invited</i>)</p> <p>April Wade, Executive Director, Virginia Nuclear Energy Consortium</p>
11:30 am – 12:30 pm	<p>Update on Nuclear Development in the Tri-Cities, WA</p> <p>With a nuclear cleanup mission at Hanford, Energy Northwest's Columbia Generating Station. the only commercial nuclear power plant in the state, the Pacific Northwest National Laboratory in Richland, and a strong commitment to a clean energy transition, the Tri-Cities are working to create an ecosystem to support new nuclear development. This case study will focus on how leaders at the State and local level are working with utilities and developers to evaluate opportunities, identify needs and determine next steps.</p>
12:30 pm – 1:30 pm	LUNCH
1:30 pm -	<p>How to Develop a Nuclear Project</p> <p>The afternoon will focus on the multiple steps and needs for demonstration, siting, financing, licensing, ensuring demand along the way to deploying advanced nuclear technologies. Discussion of key issues, like the availability of nuclear fuels and rebuilding the supply chain, that build the business case for new nuclear will be addressed by panelists representing the varied perspectives of technology developers, financiers, utilities, economic development leaders and industry, how they evaluate new projects and their priorities.</p> <p>Stephen Comello, Senior Vice President, Strategic Initiatives, EFI Foundation and Deputy Director of the Energy Futures Finance Forum</p> <p>Jeremy Bries, Director, Nuclear Projects, PacifiCorp</p>

1:50 pm – 2:30 pm	<p>In Pursuit of a Reliable, Domestic Nuclear Fuel Supply</p> <p>During this session, panelists representing technology developers, national laboratories, and policymakers will discuss efforts to build a reliable domestic nuclear fuel supply, the impact of inaction, the timeline, the to-do list for implementation, and what lessons learned are coming out of efforts around Portsmouth, OH.</p> <p>Dr. Monica C. Regalbuto, Director, Nuclear Fuel Cycle Strategy, Idaho National Laboratory</p> <p>Dr. Everett Redmond, Senior Director, Fuel Supplies, Oklo</p>
2:30 pm – 3:10 pm	<p>Rebuilding the Supply Chain</p> <p>This facilitated roundtable discussion with advanced nuclear technology developers aims to identify a checklist for states and communities considering advanced nuclear projects – what do you need from workforce, to manufacturing, from siting to investment?</p> <p>Chad Cramer, McKinsey & Company</p>
3:10 pm – 3:30 pm	BREAK (Stream Developer Videos)
3:30 pm – 4:20 pm	<p>Understanding Industrial Applications of Nuclear Energy</p> <p>During this session, panelists will consider nuclear development activities around the Idaho National Laboratory (INL) and engagement with private companies, including AI and data centers, looking at opportunities presented by advanced nuclear technologies.</p> <p>Shannon M. Bragg-Sifton, Director, Integrated Energy & Storage Systems Division, Idaho National Laboratory</p>
4:20 pm – 5:30 pm	<p>Meet the Players</p> <p>During this facilitated discussion, companies and project developer teams will discuss what they are looking for in a host community, host state and the challenges we can all work on together such as how to talk about nuclear, attract investment, and financing projects.</p> <p>Oklo Zeno Power Terrestrial Power</p>
5:30 pm – 7:30 pm	NETWORKING RECEPTION *Sponsored by Good Energy Collective

Thursday, May 9

8:00 am – 9:00 am	BREAKFAST
9:00 am – 9:30 am	<p>Licensing and Oversight: Regulating Advanced Nuclear</p> <p>The NRC is responsible for licensing new nuclear technology, providing assurance that a facility is safe and there is proper oversight. This session will look at NRC readiness</p>

	and how communities can engage with the NRC, state PUCs and energy offices around a new nuclear project.
9:30 am – 10:30 am	<p>Reusing Energy Sites for Nuclear Energy Development</p> <p>This session will look at DOE's Cleanup to Clean Energy Initiative to site clean energy projects on federal lands, highlighting progress, opportunities, and challenges. DOE representatives and potential partners including contractors and developers will discuss progress on the initiative, how to develop a shared vision for future use, and how best to collaborate with host communities.</p> <p>Dr. Everett Redmond, Senior Director, Fuel Supplies, Oklo Patrick Snouffer, Senior Program Manager, Fuel Supply Chain, Zeno Power</p>
10:30 am – 10:50 am	BREAK (Stream Developer Videos)
10:50 am – 11:50 am	<p>Addressing Nuclear Waste – Old and New</p> <p>Even with the potential for closing the fuel cycle, advanced nuclear reactors will produce nuclear waste that will add to the inventory DOE is already responsible for managing. DOE is moving forward with consent-based siting for waste facilities, but the country is still far off from siting, constructing, and operating a geologic repository for HLW and SNF. This panel will consider the impact of new nuclear development and new waste streams. In the interest of transparency, how should and can that be addressed? Representatives from Kemmerer will discuss how they talk about the back end of the fuel cycle as part of the Sodium project and DOE will address Consent-Based Siting efforts for waste facilities.</p> <p>Good Energy Collective</p>
11:50 am – 12:30 pm	<p>Engaging Across Federal Agencies, National Labs and Abroad</p> <p>Whether for energy independence, national security, or ensuring an all-of-the-above energy strategy, multiple federal agencies (DoD, the State Department) and national labs are looking at new nuclear development. This panel will outline how policymakers outside of DOE are engaging on advanced nuclear, resources in the US and abroad, and will consider as an example how communities are pursuing new nuclear development and working with national laboratories.</p> <p>Dr. Jud Virden, Energy and Environment Associate Laboratory Director, PNNL Randy Hemann, City Manager, City of Oak Ridge, TN</p>
12:30 pm – 1:30 pm	LUNCH
1:30 pm – 1:45 pm	<p>Wrap Up and Turning New Knowledge into Action Items</p> <p>Policymakers and community leaders will reflect on meeting discussion and with input from meeting participants, facilitators will develop a list of action items and next steps to collaborate and sustain momentum.</p>
2:00 pm – 4:00 pm	ECA Small Group Media Training I (ANS) (Invite-only)



Building Nuclear
Partnerships & Projects

DISCUSSION DRAFT

3/15/24

2:00 pm – 4:00 pm	Community Tool Demonstrations (GAIN) (Optional)
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Office of
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Friday, May 10	
7:30 am	TOURS AROUND HANFORD AND THE TRI-CITIES (Optional)