



Building Nuclear Partnerships & Projects

May 7-10, 2024
Three Rivers Convention Center
Kennewick, Washington

Tuesday, May 7

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| 9:00 am – 3:00 pm | <p>NUCLEAR WORKFORCE DEVELOPMENT ECA/DOE This invite-only session will focus on how state and local governments are working with universities, community colleges, industry, and trades to prepare a future nuclear workforce. Educators will be invited to share best practices across the DOE complex and in communities considering hosting new nuclear projects and for peer-to-peer breakout groups.</p> |
| 3:00 pm – 4:30 pm | <p>Nuclear 101 <i>*This session is optional*</i> <i>Who should attend: Anyone interested in understanding the basics, opportunities, and challenges of nuclear projects.</i></p> <p>Dr. Patrick White, Research Director, Nuclear Innovation Alliance Kafi Auguste, Senior Project Manager, New Reactors, Nuclear Energy Institute</p> |
| 5:00 pm – 7:00 pm | WELCOME RECEPTION |

Wednesday, May 8

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| 7:30 am – 8:30 am | BREAKFAST |
| 8:30 am – 9:00 am | Welcome from the Tri-Cities and Washington Delegation |
| 9:00 am – 9:30 am | Office of Nuclear Energy Update |
| 9:30 am – 10:10 am | <p>Why Nuclear? How to Build Community Acceptance 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 how existing energy communities can work with new voices like Generation Atomic, Mothers for Nuclear, Nuclear Matters and others to provide broader outreach and education to broader audiences.</p> |
| 10:10 am – 10:30 am | BREAK |

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| 10:30 am – 11:15 am | <p>In Pursuit of 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> |
| 11:15 am – 12:00 pm | <p>Laying out the NRC Vision and Strategy</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 how states and communities can engage with the NRC around a project and provide input throughout the licensing process.</p> |
| 12:00 am – 1:00 pm | <p>LUNCH</p> |
| 1:00pm – 1:45 pm | <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 to consider potential new nuclear development. They are considering 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 nuclear advisory boards and consider how potential host communities are or can be engaged.</p> |
| 1:45 pm – 2:30 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> |
| 2:30 pm – 3:00 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> |
| 3:00 pm – 3:20 pm | <p>BREAK</p> |
| 3:20 pm – 3:50 pm | <p>Building the Vision: The Role of Local Economic Developers</p> <p>Local economic developers understand priorities, pitfalls and opportunities for development in a community. They can attract new projects to a community and region, can facilitate relationships between developers and community leaders, and advocate for solutions that bear shared benefits. During this session, we will hear from</p> |

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| | local economic developers and state economic development offices on how they evaluate new projects and what they look for in public-private partnerships. |
| 3:50 pm – 4:50 pm | Developer Presentations and Roundtable During this facilitated discussion, nuclear technology developers 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. |
| 5:00 pm – 7:00 pm | NETWORKING RECEPTION |

| Thursday, May 9 | |
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| 7:30 am – 8:30 am | BREAKFAST |
| 8:30 am – 9:15 am | Reusing Energy Sites for Nuclear Energy Development 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. |
| 9:15 am – 10:10 am | Understanding Industrial Applications of Nuclear Energy During this session, panelists will look at the nuclear development that is occurring around the Idaho National Laboratory (INL) and engagement with private companies looking to get the most out of advanced nuclear technologies. Discussion will also progress on Dow and X-Energy's project in Seadrift, TX. |
| 10:10 am – 10:30 am | BREAK |
| 10:30 am – 11:30 am | Addressing Nuclear Waste 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. |
| 11:30 am – 12:30 pm | Engaging Across Federal Agencies and National Labs Whether for energy independence, national security, or ensuring an all-of-the-above energy strategy, multiple federal agencies and national labs are looking at new nuclear development. This panel will outline how policymakers outside of DOE are engaging on advanced nuclear, the resources they offer in the US and abroad, and will consider as |

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| | an example how communities in Tennessee are pursuing new nuclear development and working with Oak Ridge National Laboratory . |
| 12:30 pm – 1:30 pm | LUNCH |
| 1:30 pm – 2:00 pm | Understanding the Timeline: The Lifecycle of a Nuclear Project Having discussed many of the challenges and opportunities related to developing a new 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 discuss opportunities to build momentum and efficiencies. |
| 2:00 pm – 2:30 pm | Day Two: Turning New Knowledge into Action Items 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. |

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| Friday, May 10 | |
| 8:30 am | TOURS AROUND HANFORD AND THE TRI-CITIES (Optional) |