



Building Capacity
and Opportunity

May 17-19, 2023

**Paducah-McCracken Co. Convention & Expo Center
Paducah, Kentucky**

Wednesday, May 17

8:00 am – 1:00pm	<p>Tour of Paducah Site *This session is optional. Additional registration is required.*</p>
3:30 pm – 5:00 pm	<p>Nuclear 101 *This session is optional* <u>Who should attend:</u> Anyone interested in understanding the basics, opportunities, and challenges of nuclear projects. Dr. Patrick White, Nuclear Innovation Alliance Kati Austgen, Nuclear Energy Institute</p>
5:00 pm – 7:00 pm	<p>WELCOME RECEPTION FROM PADUCAH-MCCRACKEN COUNTY COMMUNITY <i>Lead sponsors: Four Rivers Nuclear Partnership and Swift & Staley</i> <i>Supporting sponsors: Mid-America Conversion Services, ARS Aleut Remediation, and Big Rivers Electric Corporation</i> <i>Others: City of Paducah, McCracken Co. Fiscal Court, Paducah Area Chamber of Commerce, Greater Paducah Economic Development, and Paducah Area Community Reuse Organization</i></p>

Thursday, May 18

7:15 am – 8:15 am	<p>BREAKFAST</p>
8:15 am – 8:30 am	<p>Welcome from the Kentucky Delegation Governor Andy Beshear Secretary Rebecca Goodman, Kentucky Energy & Environment Cabinet State Senator Danny Carroll Judge Executive Craig Clymer, McCracken County Mayor George P. Bray, City of Paducah</p>
8:30 am – 9:15 am	<p>Office of Nuclear Energy at Work: What We've Done and Where We're Going Dr. Kathryn Huff, Assistant Secretary, Office of Nuclear Energy, Department of Energy</p>
9:15 am – 9:30 am	<p>Update on Nuclear Development in Idaho Dr. Rebecca Casper, Mayor, City of Idaho Falls, Idaho Mike Squires, Government Affairs Director, Utah Associated Municipal Power Systems John Revier, Director, External Engagement and Communications, Idaho National Laboratory</p>

9:30 am – 10:30 am	<p>Panel Discussion: Adding Nuclear to the Mix</p> <p>Interest in adding nuclear generation as part of an all-of-the-above energy strategy is on the rise for baseload power, industrial applications, desalination, and hydrogen production. A recent DOE study identified 157 retired coal plant sites in the US as candidates for a coal-to-nuclear transition, and states nationwide are considering SMRs. This session will provide a better understanding of realistic timelines, what potential host communities should consider, and how to proceed.</p> <p>Moderator: Christine King, Director, Gateway for Accelerated Innovation in Nuclear</p> <ul style="list-style-type: none"> • Craig Piercy, CEO and Executive Director, American Nuclear Society • Kenya Stump, Executive Director, Kentucky Energy and Environment Cabinet • Kirt Marlow, Executive Director, Idaho Advanced Energy Coalition • Kathleen Munroe, Kathleen Munroe Sr. Principal Project Origination Consultant, Salt River Project • Kristan Uhlenbrock, Director, Institute of Science and Policy, Denver Museum of Science and Policy
10:30 am – 10:45am	BREAK
10:45 am – 11:00 am	<p>Update on Nuclear Development in Portsmouth, OH</p> <p>Kevin Shoemaker, In-House Counsel, Southern Ohio Diversification Initiative</p>
11:00 am – 12:00pm	<p>CASE STUDY: Paducah, Kentucky</p> <p>Paducah is a prime example of a community with nuclear history, existing infrastructure, DOE mission and interest in hosting new nuclear projects. 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> <p>Moderator: Kenya Stump, Executive Director, Kentucky Office of Energy Policy</p> <ul style="list-style-type: none"> • Joel Bradburne, Manager, Portsmouth/Paducah Project Office • Sandra Wilson, President, Paducah Area Chamber of Commerce • Dr. Rodney Andrews, Director, Center for Applied Energy Research • Cory Hicks, Director Of Business Services, Four Rivers Nuclear Partnership • Bruce Wilcox, President/CEO, Greater Paducah Economic Development • Eddie Jones, Commissioner, McCracken County/Chairman, Paducah Area Community Reuse Organization
12:00 pm – 1:00 pm	<p>LUNCH</p> <p><i>Sponsored by Fluor</i></p> <p>Dr. Kasia Kornecki, Program Officer, Board on Energy and Environmental Systems, The National Academies of Sciences, Engineering, and Medicine</p>
1:00 pm – 2:00 pm	<p>Panel Discussion on Leveraging Existing Infrastructure: Land Use and Reuse</p> <p>This session will look at the opportunities for the federal government and states to facilitate land reuse for nuclear projects, for transitioning coal-to-nuclear, and the guiding laws, regulations and barriers that need to be addressed. The discussion will consider lessons learned from local leaders around DOE cleanup sites and considerations of environmental justice.</p> <p>Moderator: Seth Kirshenberg, Executive Director, Energy Communities Alliance</p> <ul style="list-style-type: none"> • Jeff Avery, Principal Deputy Assistant Secretary, Office of Environmental Management, Department of Energy • Jessica Lovering, Co-founder/Executive Director, Good Energy Collective • David Campbell, Executive Vice President, EnergySolutions

2:00 pm – 3:00 pm	<p>Roundtable with Developers: What Will it Take to Develop a Nuclear Ecosystem?</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>Moderator: Sanjay Mukhi, Collaboration Manager, National Reactor Innovation Center</p> <ul style="list-style-type: none"> • Jackie Siebens, Director, Policy and External Affairs, Oklo Inc • Robin A. Rickman, Vice President Business Development, Terrestrial Energy • Agata Leszkiewicz, Manager Programs and Partnerships, Westinghouse Electric Company • Ryan Dean, Manager, Internal & External Communications, NuScale Power
3:00 pm – 3:15 pm	BREAK
3:15 pm – 4:15 pm	<p>Roundtable with Utilities: Keys to Building the Nuclear Power Market</p> <p>This facilitated discussion will hear from utilities considering nuclear as part of integrated resource plans what is necessary to invest in advanced nuclear and how potential host communities and states can better engage to build the market for electrons.</p> <p>Moderator: Stephen Comello, Senior Vice President of Strategic Initiatives, Energy Futures Initiative Foundation</p> <ul style="list-style-type: none"> • Nathan Berry, Chief Operating Officer, Big Rivers Electric Corporation • Mike Squires, Government Affairs Director, Utah Associated Municipal Systems • Aron Patrick, Director, Research and Development, PPL Corporation • James Wells, Vice President, New Nuclear Generation, Duke Energy • Scott Hunnewell, Vice President, New Nuclear Program, Tennessee Valley Authority
4:15 pm – 4:30 pm	<p>Introduction to ECA's Municipal Partners in Canada and Europe: Working Together on Advanced Nuclear Development Abroad</p> <p>Introduction: Brent Gerry, Mayor/CEO, City of West Richland, WA; Chair, Energy Communities Alliance</p> <ul style="list-style-type: none"> • Stefan Mayer, International Atomic Energy Agency (IAEA) • Adrian Foster, Chair, Canadian Association of Nuclear Host Communities (CANHC) • Pia Almström, Group of European Municipalities with Nuclear Facilities (GMF)
5:00 pm – 7:00 pm	<p>NETWORKING RECEPTION at THE CARSON CENTER</p> <p>100 Kentucky Ave, Paducah, KY 42003</p> <p><i>Sponsored by Good Energy Collective</i></p>

Friday, May 19	
7:15 am – 8:15 am	BREAKFAST
8:15 am – 8:30am	<p>Update on Nuclear Development in Oak Ridge, Tennessee</p> <p>Chuck Hope, Councilman, Oak Ridge, Tennessee</p>

8:30 am – 9:30 am	<p>Panel Discussion on Changing Perceptions of Nuclear</p> <p>Public perceptions of nuclear power are changing as concerns about climate change and energy security grow, but there must be transparency on issues such as safety, cost, environmental justice, and waste management. This discussion will consider how to communicate the value and risk of nuclear in communication and engagement strategies and will include lessons learned from community leaders around existing federal and commercial nuclear facilities.</p> <p>Moderator: Todd Allen, Chair of Nuclear Engineering and Radiological Sciences, University of Michigan</p> <ul style="list-style-type: none"> • Richard Arnold, Nuclear Energy Tribal Working Group/Tribal Radioactive Materials Transportation Committee • Dan Smith, Nuclear Matters • Nancy Norton, President & CEO, Grundy Economic Development Council (Illinois) • Manuel C. Camargo Jr., Principal Manager, Strategic Planning, Southern California Edison/SONGS Decommissioning
9:30 am – 10:00 am	<p>Nuclear Energy and Opportunities for Industrial Applications</p> <ul style="list-style-type: none"> • Christine King, Director, Gateway for Accelerated Innovation in Nuclear • Dr. Matthew Hertel, I&C Engineering Manager & Design Lead, X-energy
10:00am –10:15 am	BREAK
10:15 am –10:30am	<p>Update on Nuclear Development in Richland, Washington</p> <p>David Reeploeg, Executive Director, Hanford Communities/Vice President for Federal Programs, Tri-City Development Council</p>
10:30 am – 11:45am	<p>DOE Roundtable: Identifying Resources and Navigating Opportunities</p> <p>This session will feature feedback and insight from DOE officials on what they heard during meeting discussions, and information on resources available through the Department's cross-cutting initiatives aimed at mitigating carbon emissions, supporting nuclear/clean energy development and addressing equity and environmental justice in energy planning.</p> <p>Moderator: Kara Colton, Director of Nuclear Policy, Energy Communities Alliance</p> <ul style="list-style-type: none"> • Dr. Bhima Sastri, Director, Energy Asset Transformation, Office of Fossil Energy and Carbon Management • Kristen Ellis, Acting Associate Principal Deputy Assistant Secretary, Office of Regulatory and Policy Affairs • Cheryl Moss Herman, Senior Policy Advisor, Office of Nuclear Energy • Brian O'Donnchadha, Tribal Liaison, Office of Clean Energy Demonstrations
11:45 am –12:00 pm	<p>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> <p>Dylan Kama, Program Director, Energy Communities Alliance</p>
12:00 pm – 1:30 pm	<p>Listening Lunch: The Community Perspective for Utilities and Developers</p> <p>This session will provide the opportunity to hear directly from communities about their perspectives on new nuclear development projects.</p>
1:30 pm	ADJOURN

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