

for the country to drive down carbon. And that will create a product for the United States to export around the world.

“The second element for me is addressing that first-of-a-kind cost burden. I think this is a place where partnerships can play an important role, like the one we have with Oak Ridge National Lab. But there’s also a very clear role here for the federal government, in order to encourage, develop, and support this first of a kind. We see that in the ARDP pointed at Gen IV reactors that are on the horizon. I think we need a similar or companion approach to deploy light water small modular reactors that can have a material impact in the 2030s, because if we don’t have that line of sight, we’ll have to go in another direction because we need that impact 10 years out.

“The last thing I’d mention here that I think we have to focus on is light water SMRs,” Lyash said. “I don’t see the challenge as technology, licensing, fuel design—that’s all based on 50 to 60 years’ worth of operation. The challenge for us is deployment risk. We as an industry have not done the job we need to do at modernizing our project management, construction, supply chain, advanced manufacturing, and risk mitigation technique, to take a design and actually deploy it on schedule and on budget. And getting support and clarity around that, I think, is critical.”

Meetings continues

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