



Energy and Commerce Member Day

Rep. Tim Moore, December 12, 2025

Mr. Chairman, members of the committee, thank you for allowing me to join you, and thank you for the important work you're doing to put the American dream back within reach for families.

Today, I want to highlight some priorities within your jurisdiction on behalf of my constituents in North Carolina's 14th Congressional District. One of my biggest concerns is that energy costs are rising, and our domestic production is not keeping up with demand.

The explosive growth of artificial intelligence, combined with our push for reindustrialization, the rise in electric vehicles, and the impending adoption of robotics, are all placing unprecedented demand on our grid. We need significantly more power, and we need it to be reliable and affordable.

Nuclear energy, as you know, is one of the best ways to solve this. It is the only zero-emissions power source capable of providing reliable, 24/7 baseload power, regardless of the

weather or time of day. To accelerate this energy deployment, I am working on two critical pieces of legislation that I hope you'll consider:

First, I am introducing the Advancing Research in Nuclear Fuel Recycling Act of 2025. This bill would require the Secretary of Energy to conduct a study on recycling spent nuclear fuel, as well as analyze the technical and economic feasibility of recycling compared to our current once-through fuel cycle and interim storage approach.

This study would analyze the feasibility of extracting valuable isotopes from this waste for medical and industrial use, transforming a national liability into an asset. This is one of the logical next steps toward a stronger energy future in America, and I'm proud that this legislation has a bipartisan companion in the Senate, led by Senators Ted Cruz and Martin Heinrich.

Second, I am introducing the Next Generation Nuclear Deployment Act. This bill mirrors President Trump's executive order that directed the Department of Energy to make it easier and faster to test new nuclear reactors so the U.S. can rebuild its nuclear industry (E.O. 14301). It would

codify a minimum of 10 projects in the DOE's Advanced Reactor Demonstration Program, one of which *must* be a micro reactor. These micro reactors have a significant strategic nexus with both the new space race and forward military operations, as they are the only reactors small enough to fit inside a rocket fairing or shipping containers.

Overall, Nuclear energy is the essential foundation for continued American global leadership, and this Committee holds the keys to ensuring that future. I urge your consideration of my legislation.

Thank you, and I look forward to working with you all.