

Carbon Utilization Infrastructure, Markets, Research and Development Public Session Speaker Biographies

Kelly Cummins

*Acting Director and Principal Deputy Director for Clean Energy Demonstrations
U.S. Department of Energy*

Ms. Kelly Cummins is the Acting Director and Principal Deputy Director for the Office of Clean Energy Demonstrations (OCED) at the U.S. Department of Energy (DOE). In this role, she is responsible for delivering more than \$20 billion provided by the Bipartisan Infrastructure Law to support large-scale clean energy demonstration projects.

Ms. Cummins has worked in the field of national and energy security at DOE for more than 20 years. She has held leadership positions in DOE's Office of Science, the National Nuclear Security Administration's (NNSA) Office of Defense Programs, and NNSA's Office of Defense Nuclear Nonproliferation. She also served as a Senior Advisor to former Secretary of Energy Ernest Moniz from 2013-2017.

Prior to joining DOE, Ms. Cummins worked in the U.S. Senate and in the private sector. Ms. Cummins has a Master of Science degree from the Georgia Institute of Technology.

Todd Shrader, PE

*Deputy Director for Project Management, Office of Clean Energy Demonstrations
U.S. Department of Energy*

Mr. Todd Shrader is the Deputy Director for Project Management of the Office of Clean Energy Demonstrations. In this role, Todd is responsible for providing project management oversight for clean energy demonstration projects to ensure investments accelerate deployment, market adoption, and the equitable transition to a decarbonized energy system.

Prior to this role, Todd served as the Principal Deputy Assistant Secretary (PDAS) for the Office of Environmental Management. He was responsible for executing a \$7+ billion annual budget for the clean-up of 16 contaminated sites around the nation that supported the nation's nuclear weapons and nuclear energy research missions. Prior to becoming the PDAS, he served as the Carlsbad Field Office Manager. Under his leadership, the Waste Isolation Pilot Plant (WIPP) successfully restarted waste emplacement operations and the shipping of waste from around the DOE complex to WIPP after a three-year recovery effort. Todd previously led the headquarters office supporting Hanford's Office of River Protection and held a leading role in developing the path forward for accelerated tank waste treatment. Prior to that, he was with the Loan Programs Office, where he led technical reviews of over twenty energy projects that eventually received over \$13 billion in loan guarantees. Earlier, he was a project manager for the Office of Civilian Radioactive Waste Management, leading key components of the Yucca Mountain licensing process.

Todd holds a Bachelor of Science in Mechanical Engineering from the University of Florida and a Master's of Engineering from North Carolina State University. He is a registered Professional Engineer.