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Sam Baldwin is a PhD. Physicist and has served as the Chief Scientist for the Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy (DOE) since 2000. At DOE, he also spent three years on detail to the Office of the Under Secretary for Science and Energy, leading the Quadrennial Technology Review 2015 on the R&D opportunities for the Science and Energy programs at DOE, coordinating crosscutting R&D teams, and conducting portfolio analysis. In previous positions he served with the White House Office of Science and Technology Policy (OSTP), the National Renewable Energy Laboratory (NREL), the Congressional Office of Technology Assessment (OTA), Princeton University, the Sahelian Anti-Drought Committee (CILSS) in West Africa, the U.S. Senate, and elsewhere. He is the author or coauthor of more than a dozen books and monographs at DOE, OSTP, OTA, and elsewhere, and more than 30 papers and technical reports on energy technology and policy, physics, and other issues. He was elected as a Fellow of the American Association for the Advancement of Science in 2007.