Debbie joined NREL in 1995. She works on integration of high penetrations of wind and solar into the power system. She is currently leading the Western Wind and Solar Integration Study, for which she won the 2009 Achievement Award from the Utility Wind Integration Group. In 2009-2010, she was seconded to Hawaiian Electric Company to work on wind and solar integration in Hawaii. She has a BS in EE and Physics from MIT and a PhD from Stanford in Applied Physics.