

## Steve Chalk's Bio

Steve Chalk is the U.S. Department of Energy's (DOE) Solar Energy Program Manager. He has led the solar program at DOE for about six months, and as of November 2006, Steve has also been appointed as the "Acting" Program Manager for DOE's Building Technologies Program.

Steve is responsible for planning and implementing the new Solar America Initiative which is part of President Bush's Advanced Energy Initiative announced in last year's State of the Union Address. The goal of the Solar America Initiative is to make solar electric technologies cost competitive in most applications by 2015.

In the building technologies area, Mr. Chalk is leading DOE efforts towards net zero energy homes and buildings. The portfolio includes component research such as solid state lighting, market transformation activities such as Energy Star, and regulations such as appliance standards.

Before this, Steve led the President's Hydrogen Fuel Initiative where he oversaw President's Bush's 5-year, \$1.2 billion research investment in hydrogen production, delivery, storage, and fuel cells. This portfolio also includes included hydrogen safety, codes and standards, and education activities.

Earlier in his career at DOE, Steve managed technology development programs in fuel cells, diesel emissions control, and materials for DOE's advanced automotive technology office. Steve also worked in the nuclear energy field where he oversaw DOE test programs for tritium production. Steve started his career with the Navy developing propellants and explosives for conventional weapons.

He holds a Bachelor of Science in Chemical Engineering from the University of Maryland and a Master of Science in Mechanical Engineering from the George Washington University.