



DAVID MOONEY, Ph.D

Director, Strategic Energy Analysis, NREL

David Mooney is a 24-year veteran of the renewable energy industry. He is currently the Center Director of the Strategic Energy Analysis Center at the National Renewable Energy Laboratory in Golden, Colorado. Analysis at NREL aims to increase understanding of the current and future interactions and roles of energy policies, markets, resources, technologies, environmental impacts, and infrastructure. NREL analysis, data, and tools inform decisions as energy-efficient and renewable energy technologies advance from concept to commercial application.

Prior to his current role, Dave was the Laboratory Program Manager for Solar Technologies, where he was responsible for managing and coordinating NREL's \$70M solar R&D portfolio. While at NREL, Dave also led efforts to identify and address technical issues associated with the large-scale deployment and integration of renewable and efficiency technologies into the existing energy infrastructure. In this role, he led 180 researchers conducting \$100M in R&D annually. In this capacity, Dave testified as an expert witness before the U.S. House of Representatives' Subcommittee on Energy and Environment.

From 2007 to 2008 he was assigned by NREL to support the DOE's office of the Assistant Secretary for Efficiency and Renewables. On the assignment he conducted analysis of EERE's technology portfolio to quantify energy, environmental, and economic benefits and served as technical counsel to the Deputy Assistant Secretaries. Principal among his activities at DOE was the development of a technology-based analysis for quantifying greenhouse gas reduction potentials for the EERE technology portfolio, which were used in international climate negotiations. During his tenure at NREL Dave has worked as a physicist researching photovoltaic materials, as a project manager, and as Assistant to the Director implementing laboratory strategy. Dave has also worked as the director of business development for a U.S. PV company where he was responsible for launching manufacturing and systems businesses, business planning, and raising investment capital.

Dr. Mooney holds a Ph.D. in condensed matter physics from the University of Arkansas and a B.S. in engineering physics from the University of Tennessee.