

Marcus B. Sheffer

Energy & Environmental Consultant

Selected Experience

- Energy/environmental consultant with over 25 years of professional experience
- Formed Energy Opportunities, Inc. in 1993 to provide technical consulting services on projects relating to energy management, efficiency and conservation; renewable energy systems; and the environmental impacts of human enterprises
- Operates the York County Community Foundation Energy Program providing technical assistance to nonprofit organizations since 1993
- Consultant on over 100 green building projects, including more than 60 LEED® certified projects
- Areas of experience include:
 - Green buildings
 - LEED green building certification program
 - GBTool – International Green Building Assessment Tool
 - Energy efficiency and conservation
 - Renewable energy systems
 - Water conservation and efficiency
 - Measurement and Verification
 - Energy efficient lighting design
 - Daylighting analysis and evaluation
 - Environmental issues related to the built environment
- Presentations at over 100 regional, national and international workshops and conferences
- Co-authored *The Integrative Design Guide to Green Building: Redefining the Practice of Sustainability*, John Wiley & Sons, 2009
- Authored the *Pennsylvania Solar Manual* and articles in national publications *Solar Today* and *Energy User News*
- Served 12 years with the Pennsylvania Energy Office, 1981-1993

Awards and Affiliations

- LEED Fellow 2011 (inaugural class)
- LEED AP® 2001, 2004, 2007, LEED AP BD+C 2009
- Green Building Association of Central Pennsylvania, U.S. Green Building Council (USGBC) affiliate, Founding Board Chair
- USGBC Core Team member, 2011-present
- USGBC LEED Market Advisory Committee member, 2011-present
- USGBC LEED Energy & Atmosphere Technical Advisory Group (EA TAG) – Vice Chair and Chair, 2004-2010
- USGBC LEED EA TAG, member of Methods, O&M and Renewables Working Groups, 2010-present
- USGBC LEED Technical Committee member, 2009-2010
- USGBC LEED Steering Committee member, 2004-2009
- USGBC LEED Faculty™, 2002-2008, 2010-present
- USGBC Workshop Development (Advanced Training and Energy Modeling Module)
- Green Building Certification Institute LEED Project Reviewer
- U.S. team participant in two international Green Building Challenges: 2000 Maastricht, The Netherlands – Pennsylvania Department of Environmental Protection (PA DEP) Southcentral Regional Office Building and PA DEP Cambria Office Building; 2002 Oslo, Norway – Clearview Elementary School
- Founding Board Member, Sustainable Energy Fund, promotes energy efficiency and renewable energy
- Professional memberships include American Solar Energy Society, ASHRAE, IESNA and USGBC
- Pennsylvania Governor's Award for Environmental Excellence – 1998 York Foundation Energy Program; 2001 PA DEP Cambria Office Building; 2003 Clearview Elementary School; 2006 Southern York Library
- American Institute of Architects (AIA) Top Ten Green Building – 2000 PA DEP Cambria Office Building

Education

- Bachelor of Arts in Environmental Studies, Shippensburg University, 1981
- Master of Science in Public Administration, Shippensburg University, 1986