

**Marcus B. Sheffer**

Energy &amp; Environmental Consultant

**Selected Experience**

- Energy/environmental consultant with 30 years of professional experience
- Formed Energy Opportunities, Inc. (a B Corp) 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
- Consultant on over 100 green building projects, including more than 70 LEED® certified projects
- Consultant working on 5 projects pursuing or meeting the Living Building Challenge
- Consultant to the U.S. Green Building Council (USGBC), 2003-present:
  - Certification Project Reviewer
  - LEED Workshop training development
  - LEED Reference Guides, contributor
  - LEED credit/prerequisite forms
  - Building Performance Partnership
  - EAp2 Table 1.4 spreadsheet
  - Core and Shell EAc1 point threshold adjuster
  - Co-authored the *Advanced Energy Modeling Guide for LEED Technical Manual*
  - LEED for Existing Homes™
  - Natural Ventilation
- 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 *Pennsylvania Solar Manual* and articles in national publications *Solar Today* and *Energy User News*
- Operated the York County Community Foundation Energy Program providing technical assistance to nonprofit organizations, 1993-2013
- Served 12 years with the Pennsylvania Energy Office, 1981-1993

**Awards and Affiliations**

- Living Future Accredited Professional, 2015
- International Living Future Institute, Living Building Challenge Ambassador, 2012-present
- LEED Fellow 2011 (inaugural class)
- LEED AP® 2001, 2004, 2007, LEED AP BD+C 2009-present
- LEED User Expert, 2010-present
- USGBC Central Pennsylvania Chapter, Founding Board Chair
- USGBC Central Pennsylvania Chapter, Sustainable Steward Award for Lifetime Achievement, 2012
- USGBC LEED Market Advisory Committee member, 2011-2015
- 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, 2010-2014
- Green Business Certification, Inc., LEED Project Reviewer Certificate, 2010-present
- ASHRAE Standard 209 Committee, Sub-Committee Chair, 2012-present
- U.S. team participant in international Green Building Challenges: 2000 Maastricht and 2002 Oslo
- 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