Internet Resources on Energy Efficiency

Alliance to Save Energy
An organization that does research and advocacy for energy efficiency. Governing board includes elected officials.
www.ase.org

American Council for an Energy Efficient Economy
Research, education, and advocacy
www.aceee.org

Association of Energy Engineers
Professional association for engineering professionals, primarily involved in building energy efficiency issues
www.aeecenter.org

Centre for the Analysis and Dissemination of Demonstrated Energy Technologies
Program of the International Energy Agency, a branch of the Organization of Economic Cooperation and Development (OECD); includes technology info, news, and links, especially relevant for EU.
www.caddet.org

Consortium for Energy Efficiency
Industry association promoting development and use of energy efficient products
www.cee1.org

Energy Information Administration
Energy use reporting and more energy efficiency links by EIA, a department of the DOE
www.eia.doe.gov/emeu/efficiency

Energy & Power Management
Trade magazine focused on energy management for commercial, industrial, and institutional facilities. Website has archived articles, weather and cost data, and series on fundamentals of energy management.
www.energyandpowermanagement.com

Energy Design Resources
Guide to energy efficient design practices
www.energydesignresources.com

Rocky Mountain Institute
Independent think-tank involved in sustainability issues
www.rmi.org

National Association of Energy Service Companies
Trade organization for energy saving performance contractors, with links to member company websites that include case studies and job openings
www.naesco.org

EPA EnergyStar program
Government labeling for energy efficient products and buildings
www.energystar.gov

US Combined Heat and Power Association
Organization of businesses and professionals involved in combined heat and power ( cogeneration).
www.uschpa.org

EPA Combined Heat and Power Partnership
Government support for cogeneration and distributed power
www.epa.gov/chp

Industrial Assessment Centers
DOE-funded program providing energy efficiency assessments to small and medium manufacturers.
www.oit.doe.gov/iac

Center for Transportation Excellence
Research, advocacy, and links to other transportation resources (URL is for links front page)
www.cfte.org/directory/default.asp
Internet Resources on Renewable Energy

International Solar Energy Society (www.ises.org)
Conferences, publications, events, membership

American Solar Energy Society (www.ases.org)
Events, info, tours, membership

Solar Energy Industries Association (www.seia.org)
Info, events, product standards, membership

American Wind Energy Association (www.awea.org)
News, events, tutorials, members

National Renewable Energy Laboratory (www.nrel.gov)
DOE-funded research lab in Colorado with resources on renewables and info on current research, news and events.

Technology Inspired by Nature – www.cleantechnica.com
Website with news about technology under development

Program info, news, and links

Renewable Energy World (www.renewable-energy-world.com)
UK-published trade journal with extensive archived articles, news, advertiser links, and books for sale. Includes coverage of less mature technologies, such as wave and tidal power.

International Energy Agency – Centre for Analysis and Dissemination of Demonstrated Energy Technologies (CADDET) (www.cadet.org)
Case studies, technical brochures, product links

PVWatts (http://rredc.nrel.gov/solar/calculators/PVWATTS/version2)
A performance calculator for grid-connected PV systems

Renewable Resource Data Center (http://rredc.nrel.gov)
Extensive data resources for renewables, operated by NREL

Solar Rating and Certification Corporation (http://www.solar-rating.org)
Third-party testing and rating agency set up by solar industry to establish standards and ratings

National Biodiesel Board (http://www.nbb.org)
Trade association representing the biodiesel industry as the coordinating body for research and development in the United States

Canadian Renewable Fuels Association (http://www.greenfuels.org)
Canadian trade association representing coalition of biofuels advocacy and business groups
Internet Resources on Green Design

U.S. Department of Energy, Smart Communities Network (www.sustainable.doe.gov)
- Rich collection of information and resources on a wide variety of sustainability issues, including green building and green building rating systems
- Material on commercial and residential building
- Collection of green building articles and links to public and private green building programs

Build It Green (www.builditgreen.org)
- A non-profit membership organization whose mission is to promote healthy, energy and resource-efficient buildings in California
- Design resources, fact sheets, case studies, building tours, training opportunities, and links

U.S. Environmental Protection Agency Green Buildings (http://www.epa.gov/opptintr/greenbuilding/index.htm)
- Extensive information on green building as applied to different building types
- Resources on indoor air quality, the indoor environment, HVAC maintenance and housekeeping

U.S. Green Building Council (www.usgbc.org)
- A lead organization in the green building movement.
- Developer of the LEED green building rating system
- National, non-profit, consensus-driven
- Comprised of more than 1,500 organizations, including building product manufacturers, architectural and engineering firms, non-profits, schools, universities and government agencies.
- The starting point for understanding LEED certification and for registering LEED-eligible projects.

Greener Buildings (www.greenerbuildings.com)
- A partnership between the USGBC and GreenBiz.com
- A resource center for environmentally responsible building development
- Excellent background reports on topics including architecture and design, energy and water use, and facility management
- Green building tools and resources.

GreenBiz.com (www.greenbiz.com)
- Program of the National Environmental Education & Training Foundation
- Resource center "on business, the environment and the bottom line"
- Business Toolbox with hundreds of reports, backgrounders, how-to articles and tools
- Listing of government programs aimed at helping companies with environmental and economic performance
- Reviews of hundreds of business/environment web sites

Whole Buildings Design Guide (www.wbdg.org)
- Created by the National Institute of Building Science
- Information and resources for whole building design and project management
- Tools for design and analysis, energy analysis, life-cycle costing, etc.

Sustainable Buildings Industry Council (www.sbicouncil.org)
- Nonprofit organization with mission "to advance the design, affordability, energy performance, and environmental soundness of America's buildings."
- Offers software, videos and training on sustainability issues

Advanced buildings Technologies and Practices (www.advancedbuildings.org)
- Information on technologies and practices that improve the energy and resource efficiency of commercial and multi-unit residential buildings
- Variety of downloadable reports, case studies, other resources
- Includes links to Canadian and U.S. resources

International Initiative for a Sustainable Built Environment (www.greenbuilding.ca)
- International non-profit based in Canada promoting green building policies, methods and tools
- Link to Green Building Policies Network
- Links to Sustainable Building Information System, database of downloadable documents (paid membership required).

Trade Journals (articles, case studies, advertiser links)
- Building Green (www.buildinggreen.com)
- Environmental Design + Construction (www.edcmag.com)
- Eco-Structure (www.eco-structure.com)
- High Performance Buildings (www.hpbmagazine.org)