

HJKessler Associates, Inc. provides sustainable design consulting services in the following areas:

- LEED™ and sustainable design consulting, including facilitation of sustainable design charrettes and LEED™ design assistance, specification writing assistance and documentation
- Strategic energy management planning and assistance
- Energy efficiency design assistance, including system design recommendations and development of life cycle cost analyses using energy simulation models
- Lighting design assistance for high-quality and energy-efficient lighting systems, including daylighting
- Building commissioning and retro-commissioning

Background, Education & Affiliations

Helen J. Kessler, AIA, Founder and President of HJKessler Associates, Inc. has over 25 years experience in sustainable design, energy efficiency and renewable energy and has provided consulting services to architects, building owners of commercial, institutional and industrial properties and property managers throughout the United States. Focusing on these areas, she has saved her clients many millions of dollars on their energy bills, helping them increase the asset value of their facilities while reducing their impact on the environment and improving employee productivity. As a result, she has become a nationally recognized authority on sustainable design and energy-efficiency.

She was one of the first architects in Chicago to work with LEED™, the U.S. Green Building Council's Leadership in Energy and Environmental Design Green Building Rating System. Her LEED™ experience includes facilitation of design charrettes, LEED™ and sustainable design assistance, specification writing assistance and LEED™ documentation. Energy-efficiency design assistance experience includes system design recommendations and development of life cycle cost analyses using energy simulation models. Additionally, Ms. Kessler draws from her experience in lighting and architecture to provide technical design assistance consulting in lighting design for high-quality and energy-efficient lighting systems including daylighting.

Prior to starting HJKessler Associates, she was the Executive Vice President of Sieben Energy Associates, which she helped grow into one of the premier energy management consulting firms in the country. She was instrumental in creating Sieben's integrated offerings in energy efficiency, lighting design and sustainable design, emphasizing a whole systems approach to maximize efficiency and reduce overall costs. She worked with real estate, corporate and institutional clients on development of facility-wide energy management projects as well as improving the efficiency of individual buildings. Prior to Sieben Energy, she was project manager for hotel renovations and new hotel development for Hyatt Hotels Corporation and managed the redevelopment of Philadelphia's Hotel Atop the Bellevue for Richard I. Rubin & Company. She was Project Architect at The University of Arizona Environmental Research Laboratory where she performed research on and designed solar homes. She also wrote a bi-weekly column on solar energy and energy efficiency for *The Arizona Daily Star*.

Ms. Kessler holds an MBA degree from the University of Pennsylvania Wharton School and a Bachelor of Architecture degree from the University of Arizona. She is a licensed architect in Illinois and Arizona. HJKessler Associates is a member of the U.S. Green Building Council, and Ms. Kessler is a LEED™ Accredited Professional. Additionally, she is a member of several professional organizations including the American Institute of Architects (AIA) where she chaired the Chicago AIA Committee on the Environment, Chicago Real Estate Executive Women (CREW) as Director, ASHRAE's GPC-0 Committee on building commissioning (voting member), the Illuminating Engineering Society of North America, and the American Solar Energy Society. She has authored more than 100 papers and articles on sustainable design, energy efficiency and solar energy and has made presentations at local, national and international conferences, including presentations for the annual Conferences on Building Commissioning, the U.S. Green Building Council's Greenbuild, NeoCon, the American Solar Energy Society and the CREW national convention.

HJKessler Associates, Inc. is certified as a Women's Business Enterprise.

Selected Current assignments

HJKessler Associates is currently working on LEED New Construction, LEED Commercial Interiors and LEED Core & Shell projects. Examples of the company's projects include:



Museum of Broadcast Communications -
HJKessler Associates is providing sustainable design and LEED™ consulting, documentation and energy efficiency design assistance to Eckenhoff Saunders Architects and the museum for this project in Chicago, which is the gut rehabilitation of a 50,000 square foot parking garage. The museum is being designed to achieve a LEED™ Gold rating.

Anixter Warehouse Distribution Center - HJKessler Associates is providing LEED™ consulting, energy modeling and commissioning services to Heitman Architects on behalf of Anixter for this project in Alsip, IL.

Evelyn Pease Tyner Nature Center - HJKessler Associates is providing commissioning services to Wight on behalf of the Village of Glenview, IL. The nature center is being designed to receive a LEED™ Platinum rating.

Sustainable Design/LEED Charrettes for the McCormick Tribune River Center, The Resurrection Project, Cortex One and others

Glenview Police Station Headquarters - HJKessler Associates provided energy efficiency consulting services and an hourly simulation energy model for Sente-Rubel-Bosman-Lee Architects.

Illinois Department of Commerce and Community Affairs - HJKessler Associates assisted the Bureau of Energy and Recycling in developing its new energy efficiency programs.

Previous recent projects



Chicago Public Libraries Budlong Woods and West Englewood - The City of Chicago decided to use new prototypical libraries as a test case for LEED™. In 2000 Ms. Kessler led the team that made recommendations to the City and provided LEED™ consulting on the first two Chicago prototype LEED™ libraries. The LEED™ consulting included sustainable design, energy efficiency and lighting design assistance. An energy model was also included for each library, as well as assistance with documentation for LEED™ and design team training. These libraries are 14,000 and 7,000 square feet respectively. Both projects were completed in 2003.



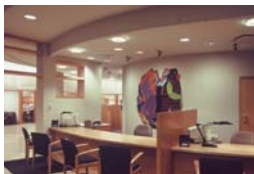
Cook County Domestic Violence Courthouse - The 170,000 square foot Domestic Violence Courthouse is Cook County's first LEED™ project. Ms. Kessler led the LEED™ consulting team and provided design team training, sustainable design assistance, LEED™ and energy-efficiency consulting. In addition, she provided lighting design services. She worked on this project through completion of the construction documents. The project was designed to achieve a LEED™ Silver rating. This building renovation is almost 24% more energy-

efficient than required by the energy code and is currently under construction.

The University of Chicago - Ms. Kessler has worked with the University of Chicago on numerous projects since 1991. The first major project included providing design assistance for the University's Gleacher Center, the downtown campus of the business school. Her team saved the University approximately 30 - 40% on their utility bills while improving comfort conditions and the lighting in this facility. More recently, she led teams that performed energy models for two of its newest facilities and was a key participant in developing an energy strategy for the Hyde Park campus. HJKessler Associates has made recommendations to the University for improving their building standards to account for energy efficiency and sustainable design.



Chicago Center for Green Technology - Ms. Kessler was a member of the design team and the lighting designer for this LEED™ Platinum project owned by the City of Chicago and completed in 2001. The 35,000 square foot building is an old industrial facility located on a brownfield, which was gutted and rehabilitated into an office/manufacturing facility. This sustainable renovation houses a landscape training center and manufacturing facilities for a solar panel company. Developed through an integrated design process, it includes commissioning to ensure the finished building performs to established standards. This project was named one of AIA COTE's Top Ten Green Projects.



ShoreBank - Ms. Kessler led a team that designed an award winning lighting design for the Bronzeville Branch of ShoreBank in Chicago. The team reviewed plans for the building and made recommendations for upgrading the HVAC systems and redesigning the lighting systems. Based on these recommendations, the energy consumption of the building was significantly reduced and the lighting energy consumption was halved. This project won an EPRI award from the Chicago Chapter of the Illuminating Engineering Society.

City of Chicago Energy Conservation Code - In the pro bono position of Chair of the Energy Committee for the Chicago Department of Buildings, Ms. Kessler and her committee successfully created an energy code for the City of Chicago. This is the first energy code to have been adopted for all buildings constructed in Chicago. The code was adopted in 2001.