



2009 WISCONSIN

Renewable Energy Summit

Renewables, Sustainability, Energy Efficiency,
Social Responsibility, and Green Energy Practices

Energy Efficiency

Session #5-3

DATE:

THURSDAY, MARCH 26, 2009

Breakout Session 5-3:

Turning on to Efficiency: What You Need to Know About Lighting

Time:

10:00am - 11:45am

Presenters:

Daylighting: Light every Building using the Sky

Abby Vogen Horn, Energy Center

There are many benefits of daylighting – the process of using indirect natural light to complement or replace artificial lighting. Natural light improves the aesthetic appeal of interior spaces, but also is shown to reduce operating cost and improve occupant performance. A daylit building can reduce annual energy costs over the lifetime of the building. This sustainable design approach is the cornerstone of sustainable building practices and is soon to be a mainstream strategy used on every project. Learn how to apply daylighting design principles in every building to increase human, economic and environmental performance.

This technical training session covers architectural and interior design strategies (orientation, window to wall ratios, ceiling heights, glazing, exterior shading, light shelves), lighting design strategies (quality vs. quantity, IES 2000 standards, lighting power densities, controls and fixtures

Lighting the Way with LED:

Liesel Whitney-Schulte, Focus on Energy

Overview of LED/Solid State Lighting, applications, future of lighting.

**See presenter
biographies
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Presenter Biographies:

Abby Vogen Horn

Abby manages non-residential and new construction efficiency initiatives at the Energy Center. She develops and manages technical research, technical education and outreach programs promote high performance building design, construction and operation. Abby has over fifteen years of experience in daylighting design, energy efficient commercial building design, program development and strategic planning. She sits on the Board of Directors of the American Institute of Architects (Wisconsin) and is a past Board member of Wisconsin Green Building Alliance. Abby speaks nationally on daylighting design and sustainable building practices: presenter at GreenBuild 2008, USGBC Continuing Education Provider Lecturer, LIGHTFAIR Daylighting Institute 2005, 2006, 2007, AIA Wisconsin, AIA Iowa, AIA Minnesota and many others on local and national level. She recently was recognized by Building Design + Construction magazine as one of the 2007 Top 40 Under 40 most influential people in the design and construction industry.

Liesel Whitney-Schulte

Liesel Whitney-Schulte, LC is the Lighting Project Manager for Focus on Energy, Business Programs and has been involved in various energy efficiency programs since 1992. She has a degree in Interior Design, and is Lighting Certified (LC) by the National Council on Qualifications for the Lighting Professions (NCQLP). Ms. Whitney-Schulte has been a member of the Illuminating Engineering Society for 6 years, served on the Board of Managers for the Milwaukee section for the past 4 years, was a past Education Committee chair, and is the current Vice President for the Milwaukee Section.