

Southface Programs

Commercial Energy Star®

Top performing ENERGY STAR labeled schools cost forty cents per square foot less to operate than the average performers. Many school districts are taking note of the ENERGY STAR program due to increasing fuel and electricity costs as well as reduced operating budgets. Southface has been awarded a grant from the Department of Energy to work with school districts in Georgia to learn about the ENERGY STAR program so that they may start saving energy in their schools.

EarthCraft House™

EarthCraft House is a green building program that serves as a blueprint for healthy, comfortable homes that reduce utility bills and protect the environment. EarthCraft House is a partnership between the Greater Atlanta Home Builders Association, Southface, government and industry partners. Since the program's inception in 1999, more than 5,000 homes across the Southeast have been certified.

Eco Charrettes and Facilitation

Achieving an environmentally responsible building requires an integrated approach that involves the building owner, design team, construction professionals, financial community and building officials. Southface is skilled in facilitating this charrette process by providing a bridge from theoretical concepts to practical guidelines. Southface has a comprehensive knowledge of current trends in environmental design and an extensive network of local and national experts, manufacturers and vendors.

Energy Research

Southface conducts field research of renewable energy systems and building performance. Southface has contracted with government agencies, utilities and private clients to perform research on a variety of topics ranging from low-cost solar thermal systems to air leakage pathways in buildings.

Energy Audit Services

Southface has conducted over 600 energy audits on single-family, multi-family and commercial buildings. These audits often feature use of diagnostic equipment including blower doors, duct testers, moisture meters and combustion analysis equipment. The audit service provides recommendations for improving the quality of the structure, maximizing the efficiency of existing equipment, and other means for reducing energy, water and resource use and enhancing indoor environmental quality.

Energy Modeling

Southface Commercial Green Building Services staff can provide energy modeling of planned or existing commercial building. Southface uses DOE-2 based computer software that does an hour-by-hour simulation to model the building envelope, HVAC equipment, lighting, and building schedules.

Greenprints Sustainable Design Conference and Green Trade Show

Since 1998, the annual Greenprints conference, in partnership with the Georgia Environmental Facilities Authority (GEFA), brings more than 500 attendees to Atlanta to learn the latest in sustainable design, construction and land use planning. The conference attracts practitioners, policy makers, building owners and others interested in sustainable planning, architecture, construction and the use of natural resources. The conference opens each year with The

Visionary Dinner, a five-course culinary experience with an inspiring keynote address. The evening features regional organic food paired with sustainably produced wines.

Home Building School

An invigorating, hands-on course offered in weekend and nine-day formats. This course provides participants the knowledge and skills to make energy-efficient building decisions with confidence.

Home Performance with ENERGY STAR®

Home Performance with ENERGY STAR offers a comprehensive approach to home improvement, remodeling and renovation that will make homes more efficient and reduce energy costs, while improving indoor air quality and creating a more comfortable, healthier home.

Home Energy Rating System

Southface Energy Rated Homes (SERH) is a Home Energy Rating System (HERS) provider that certifies HERS raters and their ratings according to the national standards set by the Residential Energy Services Network.

LEED® Administration

Southface Commercial Green Building Services staff can provide full LEED Administration services for your project, from initial planning to final USGBC award of a LEED rating and plaque.

LEED® Training

Southface's Commercial Green Building Services promotes the Leadership in Energy and Environmental Design (LEED) program of the United States Green Building Council (USGBC). LEED addresses site, energy, water, materials and indoor environmental quality.

Membership Events

Membership events provide Southface the opportunity to show gratitude for member financial contributions thru appreciation and networking events, which include the summer and winter solstice events.

Newsletter

Southface publishes a monthly electronic newsletter featuring industry-related news, upcoming events and programs.

Online Training

Southface's newest facet of educational programs offered in a virtual classroom setting. The online training and learning program features cutting-edge trends and best practices for sustainable design and construction.

Radon Training

Southface's radon training teaches the basic concepts of radon resistant construction for both new and existing homes.

Sustainable Atlanta Roundtable

The Sustainable Atlanta Roundtable is a monthly forum attracting an interdisciplinary audience of policy makers, development and design professionals, media, environmental leaders and concerned citizens.

Sustainable Nonprofits Project

The Sustainable Nonprofits Project is a program of Southface Energy Institute undertaken with private funding from the Kendeda Fund. Its purpose is to help small, medium and large nonprofit organizations in the 23-county Atlanta region to assess their facilities, identify energy water and resource-efficiency upgrades and adopt best management practices in sustainability. Southface will provide consulting and educational services to qualifying organizations.

Southface Journal of Sustainable Building

The Southface Journal of Sustainable Building is published quarterly. Readership includes design/build professionals, policy makers, corporate leaders, building owners and manager and environmentally savvy individuals.