

## SkillsUSA Career Expo





## 2009 CEFGA Career Expo and Skills USA Championship April 16-17, 2009

A Georgia Energy and Industrial Construction Consortium Career Awareness Event





# 2008 CEFGA Career Expo and Skills USA Championship

### What is the Career Expo 2009?

- The largest event of its kind in the Southeast
- A two-day event attracting more than 5,000 middle school; high school and college students interested in learning about careers in the construction industry
- An event attracting more than 500 industry leaders coming together to promote the building industry in a fun, educational and hands-on way
- Held in conjunction with the SkillsUSA State Competition

# 2009 CEFGA Career Expo and Skills USA Championship

- Sponsored and managed by the Construction Education Foundation of Georgia (CEFGA), a nonprofit organization dedicated to promoting careers in construction and addressing the industry's labor shortage
- Supported by leading construction companies
  - ➤ <u>CEFGA's mission:</u> to address the industry's skilled worker shortage by connecting the construction industry and the education system in Georgia

# 2009 CEFGA Career Expo and Skills USA Championship

- State's largest construction, architecture and engineering career fair showcasing 20 Worlds with "hands on" activities:
  - **▶** The World of Energy and Industrial Construction
  - > The World of Utility Contracting and Heavy Equipment
  - ➤ The World of Electrical Contracting
  - ➤ The World of Hand and Power Tools
  - > The World of Architecture
  - > The World of Engineering
  - > The World of Sustainability
  - ➤ The World of Safety and Health
  - ➤ The World of Tile Contracting
  - > The World of Fire Protection
  - ➤ The World of Plumbing and Mechanical
  - ➤ The World of Landscape and Hardscape
  - > The World of Pest Control
  - ➤ The World of Highway Construction and Maintenance
  - ➤ The World of Construction Management

- ➤ The World of Masonry
- > The World of Concrete
- > The World of Finishes
- > The World of HVAC
- > The World of Metals



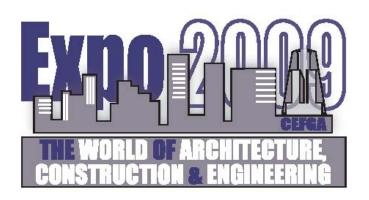






ASOUTHERN COMPANY





April 16-17, 2009
Georgia International Convention Center











### GEICC Member Companies will highlight:

- ➤ Safety Medical Van, Power Town activity, safety posters
- ➤ Generation Power plant operator simulation, bicycle generator, generator demo/display
- ➤ Transmission and Distribution P&C System Tent/Demos, motor operated switch, mini climbing circle, mini 500KV tower construction, hotstick activity, hand line challenge game, and many other activities and displays
- ➤ Distribution Rubber glove and cover up displays, tap changer activity on 38 KVA regulator and many other activities and displays
- ➤ Industrial Construction company/career information and displays
- > All areas staffed with company representatives
- > "Green" Initiatives in Energy and Industrial Construction
- Company logo item giveaways; prizes
- > Career videos and brochures
- ➤ Career Coaching Booth one-on-one discussion with business representative and students; drawing for a Wii, candy bags, capturing metrics

## • GEICC Volunteers needed:

- ➤ April 15 Putting hardhats together, stuffing CEFGA bags, stuffing Career Coaching Booth bags
- ➤ April 16 & 17 GEICC Table, Career Coaching Booth, directing students, clean up and move out

<u>Volunteer</u> by adding your contact information to the "Sign up" sheet at the February 11 GEICC Meeting or Contact:

Angie Farsee (770-270-7614 ) or Carol Golden (404-506-0707)

## GEICC Career Expo Planning Team

Angie Farsee - Georgia Transmission

Carol Golden / Susan Rossman - Southern Company
John Hall / Mills Maxwell - Fluor Corporation
Ralph Heath / Shamona Ward - Shaw Group
Trey Harrison - Georgia System Operations
Suzanne Powell - Electric Cities/MEAG
Jenny Williams - GEICC Project Director



January 20, 2009

#### Dear Instructor:

Today's challenging economy means young people need to make the best career choice possible. Excellent careers are available in architecture, construction or engineering. Jobs in these exciting, stable, well-paying fields will be showcased at the Expo 2009, CEFGA's biggest Career Expo yet.

## April 16 and 17 Georgia International Convention Center College Park

Our new venue provides 20,000 acres of indoor and outdoor exhibition that will showcase 20 different "WORLDS", including the World of Energy and Industrial Construction, where our energy and industrial construction sponsors in Georgia will entice students to "Get Into Energy" by giving students and educators the opportunity to see demonstrations of the jobs in energy and industrial construction as well as numerous interactive activities, including a bicycle generator, bucket truck displays, electrical equipment, high-tech computers and more. Attendees will explore exciting careers, try their hand at fun tasks an opportunity to win a Wii and many other prizes.

**Register today.** Return the enclosed form via fax, or log onto *cefga.org* and click on "Register Online—Schools Only" to register immediately.

All are welcome to attend Expo2009—students (middle school and older), instructors, counselors, principals, parents, anyone! Admission is free.

What are you waiting for? Register today!

Sincerely,

Scott Shelar Executive Director CEFGA

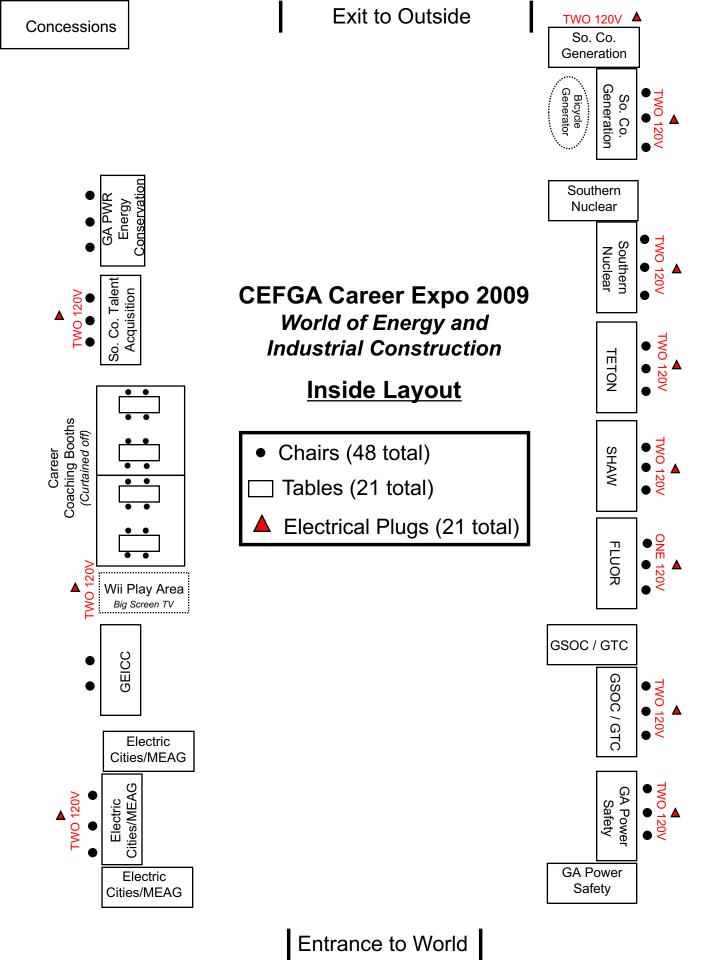
P.S. Know someone who would like to attend? Send them to <a href="www.cefga.org">www.cefga.org</a> to register today!













### SkillsUSA World of Energy Career Expo FAQs

#### Who was on the planning team?

There was an "internal" team that consisted up representatives from the following business units at Southern Company / Georgia Power

- Talent Acquisition (Recruiting Team Leader)
- Safety (Safety Specialist)
- Distribution (Workforce Development Coordinator)
- Transmission (Transmission Training Manager)
- Generation (Workforce Development Coordinator)
- Nuclear (Workforce Development Coordinator)

The other team was the State energy (Georgia Energy and Industrial Construction Consortium) team that consisted of representatives from energy and industrial construction companies.

#### What was SkillsUSA's Role vs. Consortium Role?

The Career Expo was held during the SkillsUSA state competition (Georgia). SkillsUSA representatives coordinated the actual Skills competition. The Georgia state energy consortium (GEICC) members were involved in the planning and coordination of the World of Energy and Industrial Construction only. The entire EXPO planning was done by the Construction Education Foundation of Georgia (CEFGA) which sponsored the SKillsUSA State competition.

#### What was the budget for the Expo?

Georgia Power paid the \$10,000 sponsorship fee and each Company within the world had to pay a \$1,000 fee to participate.

Each business unit utilized their own O&M dollars to fund the materials/supplies/labor for the expo.

Transporting the materials to the convention center is a part of the costs. The Georgia group had 190 volunteers TOTAL in their world (109 from Southern Company/Georgia Power) for this two day activity. It cost approximately \$3,000 for brochures, trinkets and lunches for volunteers for this event.

#### How was the Expo promoted?

CEFGA (Construction Education Foundation of Georgia) is the organization that puts on the Expo and sponsors the SkillsUSA competition. The World of Energy partners collaborated with CEFGA to create a letter to send to instructors in technical career high schools.

Visit the CEFGA website (<u>www.cefga.org</u>) to see review the final summary and pictures of this event as well as any marketing materials for this event.



### SkillsUSA World of Energy Career Expo Sample Timeline

### 2009 CEFGA CareerExpo and SkillsUSA Georgia Championships Timeline/Milestones

#### **September 25, 2008 (AGC Offices) – 11 a.m. – 1 p.m.**

- -Kick-off meeting
- -Review budget
- -Worlds identified
- -Review planning process and major milestones

#### November 18, 2008 (GICC) 11 a.m. – 1 p.m.

- -World Leaders/Co-leader(s) identified
- -Industry Partners identified
- -Amount of space per World determined
- -Preliminary layout of GICC developed
- -Skills chairs identified

#### January 8, 2009 (ABC Offices) 11 a.m. - 1 p.m.

- -Preliminary layout of space and plans for each World developed
- -Preliminary design for Skills contests developed

Goal: 2,000 attendees registered

#### February 5, 2008 (TBD) 11 a.m. – 1 p.m.

- -Final layout of space and plans
- -Magazine ads due
- -Magazine articles due
- -Booth \$/Sponsor \$ due
- -SkillsUSA plans set and materials specified
- -Final list of participating companies to be included on banners and listed in magazine (names and/or logos\*)
- -Preliminary list of volunteers (name, company name and email)
- -SkillsUSA judges identified (name, company name and email)

Goal: 3,000 attendees registered

#### March 5, 2008 (TBD) 11 a.m. – 1 p.m.

-Loose ends!

Goal: 4,000 attendees registered

#### April 2, 2008 (GICC) 11 a.m. – 1 p.m.

-Final list of volunteers (name, company name and email)

Goal: 6,000 attendees registered

Title 2

#### **April 15, 2008**

-Move-in (7 a.m. – Midnight)

#### **April 16, 2008**

- -Expo Showtime (8 a.m. -4 p.m.)
- -SkillsUSA Team Works (1 4 p.m.)

#### **April 17, 2008**

- -Expo Showtime (8 a.m. -2 p.m.)
- -SkillsUSA Championships All Construction and EDD-related contests (9 a.m. 4 p.m.)
- -Move-out (2 p.m. Midnight)



### SkillsUSA World of Energy Career Expo Sample Company List

#### 2009 CEFGA CareerExpo and SkillsUSA Georgia Championships

### Companies/Organizations Participating and/or Making 2009 CEFGA Expo Possible (as of April 7, 2009)

AC Electrical Contractors, Inc.

ACE Electric, Inc.

Advanced Electrical Solutions, LLC

Advantage Fire Sprinkler Company

Aearo Technologies

Affordable Fire Protection

Aircond Corporation/EMCOR Group

Airgas

Allsouth

Alpha Insulation and Waterproofing

Altec Industries, Inc.

Aluma Systems

American Institute of Architects - Atlanta

American Public Works Association (APWA)

**Amquip Corporation** 

**AmSan Products** 

Anning Johnson Co.

**Applied Software** 

ASC Construction Equipment USA

Ashtead Technology Rentals

Associated Builders and Contractors of

Georgia

Atlanta Commercial Millwork

Atlanta Contract Glazing, Inc.

Atlanta Technical College

**B&G** Equipment

Bagster

Baker Paint & Contracting

**Balfour Beatty Construction** 

Barton Malow Company

Batson-Cook Company

Benise-Dowling

Bibler Masonry

Big River Industries, Inc.

Block USA

Boral

Bosch

**Bovis Lend-Lease** 

Brasfield & Gorrie, LLC

Brick Industry Association - Southeast

**Carter Concrete Structures** 

C & C Fence Company

C.A. Murren & Sons

C.C. Dixon Company

C.C. Owen Tile Company

C.D. Moody Construction Company

Central Insurance Companies

Chief Architect, Inc.

Choate Construction Company

Cleveland Electric

**Comfort Systems** 

Concrete & Masonry Supply

Construction Clean-Up Specialists, Inc.

Cordale Inc.

Dal-Tile Corporation

**DeWalt Tools** 

**DEX Studios** 

**Dixie Construction Products** 

Dupont Tyvek

**EC Services** 

EFI Global

Electric Cities of Georgia

Elite Flooring & Design

Enterprise Rent-A-Car

**Epstein Environmental Resources** 

F&S Mechanical

Faith Technologies

Fluidmaster

Fluor Corporation

Fly-N-Form

Forest Park Plumbing

Fortune-Johnson, Inc.

French Creek

**Fulton Plumbing** 

Gainesville Fire Protection

Gallagher Electric & Engineering Company

Galloway's Masonry

Gay Construction Company

Georgia ASSE Chapter

Georgia Branch, AGC Young Leadership

Program

Georgia Branch, Associated General

Contractors

Georgia Concrete Products Association

Georgia Department of Education

Georgia Department of Transportation

Georgia Energy and Industrial Construction

Consortium

Georgia Masonry Institute

Georgia Masonry Supply

Georgia Power

Georgia Power Foundation

Georgia Specialty

Georgia Specialty Constructors

Georgia System Operations Corporation

Georgia Tech

Georgia Tech Research Institute

Georgia Transmission Corporation

Georgia Utility Contractors Association

(GUCA)

Good Electric Corp.

Goodman

Governor's Office of Workforce Development

Greater Atlanta Economic Alliance

Greene & Associates

Hardin Construction Company

**Harrison Contracting** 

Harmon Glass

Hartsfield-Jackson Development Program

H.B. Training & Consulting

Heard Electric Company

Henderson Electric

Hertz Equipment Rental

Hilti

Hitachi

Hogan Construction Group

Holcim

Holder Construction Company

Hunt Electric Corporation

**Imaging Technology Group** 

Independent Electrical Contractors (IEC)

Integrated Environmental Solutions (IES)

Iron Workers Local #387

**Irwin Tools** 

Ivey Mechanical

**JAMCO** 

John W Rooker & Associates

Johnson Concrete

Juneau Construction Company

Klein Tools

Kohler

Lab-Volt

LaFarge, NA

Landers Enterprises

Laticrete International

Lennox

Lincoln Electric

Lowe's

Lusk & Company Inc.

Manhattan

Marek Interior Systems

Marshalltown Tools

Masonry Association of Georgia

**MBA** Waste Services

McGriff Seibels & Williams of Georgia

**MCI** 

McKenney's Inc.

Metrac

**Metromont Corporation** 

MetroPower

Miller

Milwaukee

Municipal Electric Authority of Georgia

(MEAG)

National Fence

National Tile Contractors Association

New South Construction Company

New South Restoration (NSR)

Occupational Safety and Health

Administration (OSHA)

Oglethorpe Power Corporation

Ohio Technical College

**Onsite Woodworking** 

Palmetto Brick Company

Pattillo Construction Corporation

Penco Electrical Contractors, Inc.

Perkins + Will

Plumbing & Mechanical Association of

Georgia

Plumb Rite

Plumb Works

**Precision Concrete** 

Premier Contract Carpet, Inc.

Pritchard & Jerdan Inc

**Pyramex** 

Pyramid Masonry Contractors Inc.

R. W. Allen & Associates, Inc.

R.M. Anderson

R.M. Kikta Plumbing

Ready Mix USA LLC Atlanta Division

Reliable

Richard Harp Excavation

R.J. Griffin

R.J. Hammond Enterprises

Rogers Construction Company

Rothenberger USA

RotoZip

**S&W** Masonry Contractors

Safety & Health Resource Association

(SHRA)

**Sales Solutions** 

Scientific Detection

**SDC** 

SECO Architectural Systems Inc

Select Staffing

Sherwin-Williams

Shumate

Site Scapes

Skanska

Smart USA

Smith, Currie & Hancock LLP

Snap-on

SouthEast LINK

Southeastern Graphics

Southern Company

Southern Company Generation

Southern Company Transmission

Southern Education Systems

Southern Mechanical

Southern Nuclear

Southern Polytechnic State University

Southern Safety

Southface Energy Institute

**Specialty Finishes** 

Steelfab, Inc.

Sunbelt Rentals

**Superior Plumbing** 

Tebarco Mechanical Corporation

TEC – Tractor & Equipment Company

Telser Electrical Services, Inc.

Teton Industrial Construction, Inc.

TGC Publishing

The Beck Group

The Center for Industry and Technology

The Circle Group

The Georgia Contractor

The Industrial Company (TIC)

The Quikrete Companies

The Saxon Group Inc.

The Shaw Group, Inc.

**Thomas Concrete** 

Thornhill Cabinets

Tiede-Zoeller

Trench Shoring Services

**Trowel Trades** 

Tyco

**Turner Construction Company** 

U.A. Local #72

U.S. Green Building Council

U.S.A. Ready Mix

Ultra Commercial Interiors

United Forming
United Refrigeration Inc.
UNITS Mobile Storage
Universal Steel, Inc
Up Scaffolding
Utilities Protection Center
ValleyCrest Landscape Companies
Vermeer Southeast Sales & Service
VCC- Atlanta
Wayne J. Griffin Electric
Western Summit
White Cap Supply
Winter Construction Company
Woodman Insulation Company
Yates Insurance Agency

Zebra Construction

#### World of Energy & **Industrial Construction** Inside of GICC SOCO GENERATION 25kw **BREAKER TRAILER** GEORGIA POWER Generator 44x8 (Provided by MEDICAL VAN CEFGA) 100 10x10 $\bowtie$ 45' 12x20 **DEKALB RUBBER** COVER TECH **GLOVE** UP 35 6x6 6x6 10x10 10x10 30x40 SEE DETAIL 'A' 0 0 \* THREE 110 AC OUTLETS NEEDED **GEORGIA POWER** AT BREAKER TRAILER INTRO TO -DISTRIBUTION-GEORGIA POWER 100" TRANSMISSION 25kw OGLETHORPE FOC Generator 24x7 **GEORGIA TRANSMISSION &** - //// 10x10 Hotstick 10x10 GEORGIA SYSTEM OPERATIONS SUBSTATION Trailer MODEL CONTROL ADDITIONAL CENTER TENT TRAILER METER 25kw 10x10 TRAILER MOTOR Generator OPERATOR 20x20 SWITCH HOUSE #5 **XFMR GENERATOR** Sub 22x8 $/\!/\!/\!/$ Maintenance 10x10 Truck 10x10 DETAIL 'A' **ALTEC** Switch L **Bucket Truck** Demo Trailer Rides #9 TENT #'S #8 50x50 m1 - Intro to Transmission - Safety/Going "Green" 10x10 10x10 2 - Substation Model 3 - Specialty Tools 4 - Welding Trailer Activity 36.5x8 5 - Regulator / Tap Changer Line Truck 6 - Breaker / Maintenance Truck Display #10 7 - Switch Demo 34.5x8 8 - Barehand Display Line Truck 5x20 9 - Compression Demos 10 - Mini 500 KV Tower AREA BORDER 225' OTHER TENTS GEORGIA POWER TRANSMISSION TENTS TABLE + 2 CHAIRS (30 TABLES & 60 CHAIRS) **POWER SUPPLY**

Formed in March 2006, the Center for Energy Workforce Development (CEWD) is a non-profit consortium of electric natural gas and nuclear utilities and their associations —Edison Electric Institute, American Gas Association, Nuclear Energy Institute, and National Rural Electric Cooperative Association. CEWD was formed to help utilities work together to develop solutions to the coming workforce shortage in the utility industry. It is the first partnership between utilities, their associations, contractors and unions to focus on the need to build a skilled workforce pipeline that will meet future industry needs.



701 Pennsylvania Ave., N.W. Washington, D.C. 20004-2696 Ph: 202-638-5802 www.cewd.org