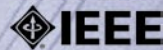


IEEE Power Engineering Society
445 Hoes Lane, P O Box 1331
Piscataway, NJ 08854



*A Short Course
Co-located with the
IEEE PES Power
Systems Conference
and Exposition at the
Marriott Marquis Hotel,
Atlanta, GA, USA*

POWER SYSTEM BASICS
TUESDAY, OCTOBER 31, 2006



In Today's Electric Power Systems Environment

KNOWLEDGE IS POWER

ARE YOU A NON-POWER-ENGINEERING PROFESSIONAL IN THE POWER FIELD?: The ongoing deregulation of the power industry means that increasing numbers of non-power-engineering professionals are making judgments that have a major impact on power systems in the areas of planning, design, operations, economics and more. Without an understanding of the basic operation of electric power systems, how can you properly evaluate how your day-to-day decisions impact the short- and long-term running of an efficient and reliable power system?

The IEEE Power Engineering Society (PES) is offering an outstanding opportunity for non-power engineering professionals to receive a comprehensive briefing about the operation of the electric power system and basic power concepts. This one-day short course, presented concurrently with the 2006 Power Systems Conference and Exposition, features instruction in clear, straightforward, language. **You definitely should take this course** if you are interested in any aspect of energy policy, industrial power systems and equipment, or utility power systems and operation, and are **not** an up-to-date power systems engineer.

BENEFITS OF ATTENDING: An appreciation of power system fundamentals can greatly improve your ability to function in your critical role relating to the electric power industry. By understanding the realm of the power engineer, you can improve your ability to communicate your decisions with those in key technical areas. This course will provide the knowledge you need to help you work better and smarter.



COURSE FOCUS: The focus of the course will be on real-world problems and examples. It will provide a thorough foundation in electric power systems planning, operations, economics and various regulatory frameworks. Basic electrical terminology and concepts are explained in simple-to-understand language with regard to design, construction, operations and maintenance of power plants, substations and transmission and distribution lines. Basic electrical safety concepts are included.



TUESDAY, OCTOBER 31, 2006

8:00 AM-5:00 PM

MARRIOTT MARQUIS HOTEL, ATLANTA, GA, EXECUTIVE MEETING ROOM AREA

WHO SHOULD ATTEND: Plan to attend if you are a legislator, commission staff professional, power broker, power marketer, member of a consumer group, policy maker, public affairs administrator, legal counsel, member of the media, energy agency leader, business executive, utility manager, economist, accountant, purchasing and stores manager, an engineer not in the power field, and any one else interested in learning about electric power systems to improve your ability to function in your business environment.

TOPICS COVERED: Some of the subjects to be covered include: An Introduction and Brief History, Fundamentals of Electric Power, Generation and Transmission, Distribution and Utilization, Power System Protection, Power System Operation and Interconnection, and Regulation.

About the instructor: Steve W. Blume is president and CEO of Applied Professional Training, Inc. Mr. Blume has lead APT into a world class technical training company servicing the electric power and telecommunications industries. He is a registered professional engineer with a Masters degree specializing in electric power systems and a Bachelors degree specializing in telecommunications. Steve has extensive experience in power systems planning, design and construction of major lines and substations plus dispatch, protective relaying and safety. His telecom experience includes fiber optics, microwave, radio, powerline carrier and copper systems in high voltage environments. He holds many professional certificates, memberships and is highly recognized in both industries. This unique combination of knowledge and experience makes him an excellent instructor for this course.

Post-course evaluation forms that include a large and diverse attendee list indicate that 100% would recommend this course to others.

Course fee \$US350.

Full registration for the Conference is not required.

Lunch, course materials, and a same-day PSCE Exhibit Hall pass is included.

Registration questions?

Phone
(979) 846-6800

Fax
(979) 846-6900

registration@pscexpo.com

For more information about the 2006 PSCE or to register for the course go to www.pscexpo.com