

## ***Institute of Energy Professionals***

***The Institute of Energy Professionals (IEP)*** is an organization of highly skilled energy professionals dedicated to the training, development and continual improvement of energy personnel for business and industry. Its goal is to provide the very best in practical energy management *training* and *technical assistance*.



While offering a variety of energy programs, the core of the *Institute's* training is the highly acclaimed *Energy Management (EM) Program* developed at Virginia Tech and now taught at North Carolina State University in Raleigh, NC. This

program has produced skilled energy personnel since its inception in 1978. Program graduates have gone on to manage energy resources and develop sustainable energy programs for Fortune 500 Companies, local, state and federal government facilities, colleges and universities, military installations, utilities and others.

What separates IEP's training from others is its comprehensive, yet practical, approach to optimizing customer energy utilization while minimizing operating costs. The core group of instructors is comprised of experts with extensive experience and the ability to effectively communicate that knowledge and experience.

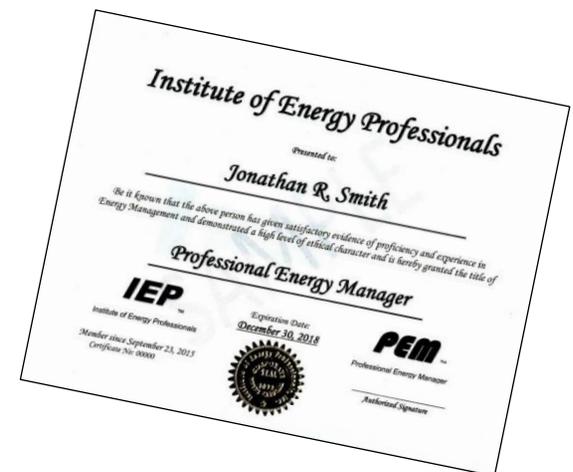
### ***Partnerships:***

Recognizing the ever increasing need for qualified energy professionals, IEP has partnered with multiple universities known for their engineering programs and Schneider-Electric's successful on-line *Energy University*. Through these venues we are able to expand energy training initiatives.

### ***Professional Certification:***

Beginning in 2009 IEP offered the *Professional Energy Manager (PEM) Certification* to those that completed the three-week training program and achieved a passing score on a comprehensive written examination. This certification recognizes that the participant has attained an understanding of the fundamental principles and strategies required for the development of an effective and sustainable energy management program.

The certification has received widespread recognition, with PEM in key decision making positions in the USA and in more than thirty (30) countries.



### **Who Should Attend Training?**

Anyone with accountability for, or interest in, energy programs would benefit from this training. The program is designed for all levels of involvement, from the CEO, plant engineer, energy manager or maintenance personnel.

*“It (the training) is presented very professionally; it starts from the basics and quickly ramps up to the details and is especially great due to the vast experiences shared by the instructors. I am most positive there does not exist another training which encompasses energy management as this one does.”*

*Araceli G. Perea, PEM  
Energy Efficiency Program Coordinator  
El Paso Electric Company*

### **Other IEP Services:**

**Training** – In addition to the comprehensive three-week training program, IEP offers single and multiple day training initiatives focused on specific end use equipment and systems, such as HVAC, chillers and cooling towers, lighting, compressed air systems, and others. These programs can be tailored to customer equipment and performed in-house.

**Technical Services** – The *Institute* also provides a variety technical services to clients including energy assessments specifically structured around three (3) primary objectives:

- ✚ To evaluate the major energy consuming systems and identify opportunities to improve performance and/or reduce operating costs,
- ✚ To upgrade the energy expertise of site personnel, and
- ✚ To identify *Best Operating Practices*



IEP assessments are unique in that in addition to identifying savings opportunities, they are used as educational tools. Site personnel are encouraged to participate. They are provided instruction in the

evaluation and optimization of system performance, so that information can be passed along to others, thereby increasing the overall knowledge base and assuring sustained efficient operation.

### **Additional Technical Support** –

The *Institute* provides a variety of other technical services including:

- ✚ Support in development of energy initiatives/programs
- ✚ Evaluation of vendor proposals
- ✚ Review of energy-related in-house projects and
- ✚ Assist in development of energy standards

### **Information:**

For additional information on the **PEM** certification, training programs and other services available from the *Institute*, visit our website ([www.theiep.org](http://www.theiep.org)) or contact us:

**IEP**™

*Institute of Energy Professionals*

**503 Tiffany Circle  
Garner, NC 27529-4332  
Telephone: 919-280-3480**