

# EERE Information Center: Resources for the IAC Program

U.S. DEPARTMENT OF  
**ENERGY**

Energy Efficiency &  
Renewable Energy



**IAC Lead Student Conference**

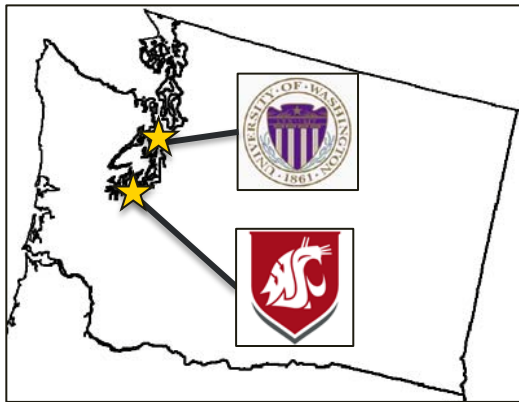
February 3, 2011

L'Enfant Plaza Hotel Washington D.C.

**Tony Simon, Contractor**  
Energy Systems Engineer  
EERE Information Center

## Before working for the Information Center:

- Lead student at University of WA IAC for three years
- Attended 20+ IAC assessments
- Responsible for training students and facilitating assessments



**Currently an engineer at Washington State University  
(WSU) Extension Energy Program**

- The Energy Efficiency & Renewable Energy (EERE) Information Center is a **free service** where American consumers can ask questions about products and services offered.
- EERE and its programs maintain an extensive portfolio of resources to help citizens, businesses, industry, federal facilities, and state and local governments improve their energy efficiency and expand their use of renewable energy.



- State and local governments, and tribes
- Large and small businesses;
- Energy-intensive manufacturing plants
- Federal agencies and facilities
- Consultants and vendors
- Utilities
- Professional and trade associations
- Schools and universities
- Congress
- Citizens, consumers and homeowners
- **IACs and client companies**

- CHP
- Building design
- HVAC
- Lighting/controls
- Motor systems
- Industrial processes
- Pumping
- Refrigeration
- Solar and wind energy
- Wastewater
- ... and much more



## The EERE Information Center staff has broad expertise:

- Commercial/Industrial Energy Engineers
- Energy Specialists/Analysts
- Building Science Specialists
- Energy Research Librarians
- Renewable Energy Specialists
- Software Developers/Programmers
- Economic Development Professionals



## Staff has decades of experience in industrial efficiency:

- Authors of many ITP publications and software tools
- Experience in scores of plant assessments
- One of the largest energy research libraries in the U.S.
- DOE Certified Specialists



## The EERE Information Center staff has responded to:

- 185,000 inquiries
- Over 58,000 industrial inquiries
- Some from IACs





## What is in it for me as an IAC?

## **Before a site visit, IACs contact the Information Center to get specifics:**

- Enhancing your background familiarity with a technical topic such as steam systems, independent of a specific assessment
- Manufacturing processes and equipment
- Energy savings opportunities
- Brainstorm energy efficiency options
- Corporate energy management
- Gather case studies to demonstrate viability

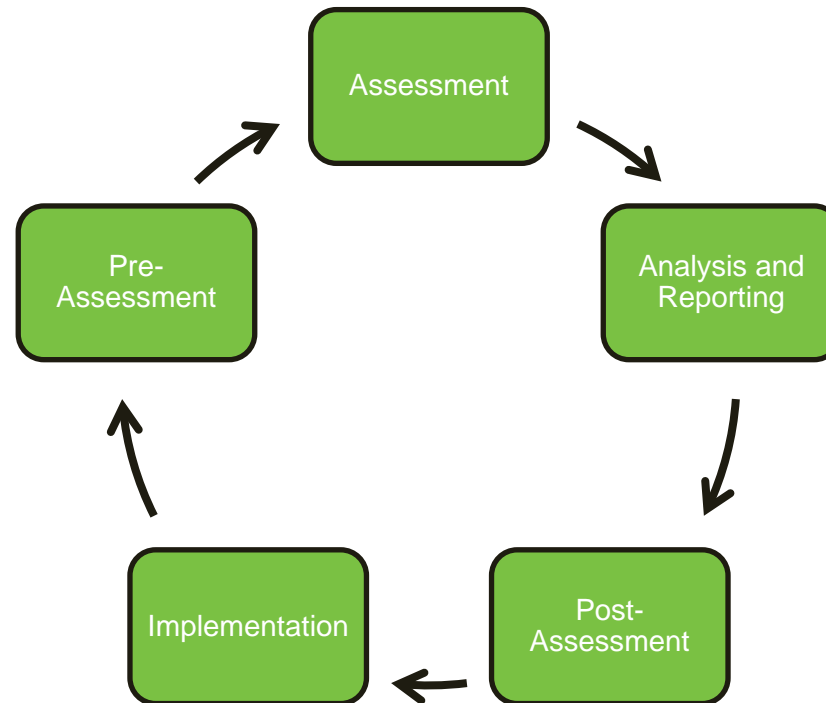
**With our help, you can hit the ground running!**



## **Once your clients understand the IAC report, they receive implementation assistance from the Information Center:**

- ITP software tool assistance
- Training opportunities
- Case studies to reduce perceived risks
- Guidance on how to evaluate different types of equipment
- Federal, regional and state resources and funding

**Together, ITP, the IAC and the EERE Information Center provide solutions every step of the way:**



Serving the client's needs:

Value + Quality =  
Satisfaction

“I don't know how to **thank you** enough for this information. It is very **helpful.**”

“I love you guys!  
I am really **proud** of the DOE.”

*“Thank you very much for the detailed information and the insight into the process. I appreciate the level of **professionalism** that the EERE Information Center always exhibits. I know I cannot go wrong when I come and ask you for help.”*

## Two Large Industries:

- Wine making
- Liquefied natural gas (LNG)



**Needless to say, we needed some help!**

## BY PHONE



- **1-877-EERE-INFO**  
(1-877-337-3463)  
*9<sup>AM</sup> – 7<sup>PM</sup> Eastern*

## BY E-MAIL



- [eereic@ee.doe.gov](mailto:eereic@ee.doe.gov)

## LIVE CHAT



- [www.eere.energy.gov/informationcenter](http://www.eere.energy.gov/informationcenter)

# Thank You

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## Questions?

Tony Simon

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- A small metal casting company needed help improving the efficiency of burners used to preheat dies in their forging plant.
- After several consultations exploring alternatives, our engineers provided assistance that helped the plant use 66 percent less energy and saved over \$300,000 annually.
  - With technical assistance on compressed air system leak detection and end-use efficiency, and attendance at EERE training, the plant staff cut their energy costs by \$200,000 with an investment of only \$40,000.

The Energy Manager for a large pharmaceutical plant requested an energy awareness calendar.

- During the course of the call, we discovered that he would benefit from technical assistance on insulating steam pipes.
- An industrial engineer provided technical assistance and publications on energy savings for their boilers, vent condensers, and blowdown heat exchangers.
- The company implemented energy efficiency improvements at a cost of \$90,000, with a \$30,000 first year energy savings.

- The EERE Information Center's Energy Research Library is one of just a few full-service libraries dedicated to energy efficiency and renewable energy-related research.
- Our specialized collection includes thousands of books, thousands of reports and government documents, hundreds of trade journals and newsletters, and access to a wide assortment of commercial electronic databases.
- Our staff includes professional energy librarians with years of energy experience, who provide reference and research support, including literature searches of energy-related electronic databases.