

Life After the IAC

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Outline

- ◆ Impact of IAC on your career
- ◆ “I wish I had learned...”
- ◆ All those letters after your name (PE, CEM, etc.)
- ◆ Types of employers
- ◆ Best audit stories

Impact of IAC on Your Career

- ◆ Diverse and wide-ranging set of skills
- ◆ You will be called upon by other professionals – frequently and frantically
- ◆ Educating others is sure to be in your near future
- ◆ It may get “lonely” out there

“I Wish I Had Learned...”

- ◆ HVAC – ASHRAE publications
- ◆ Design – What is the thought process
- ◆ Simulation Tools
 - eQuest / Building Energy Simulation
 - University of Dayton Simulation Packages
 - DOE Best Practices Tools
- ◆ Project Management for Implementing Capital Improvements

“I Wish I Had Learned...”

- ◆ Estimating Implementation Costs
- ◆ Measurement & Verification
- ◆ Commissioning and Retro-Commissioning of Systems
- ◆ Cutting Edge Technologies

Setting The Stage for an Audit

- ◆ Technical Expertise
- ◆ Financial Situation / Mechanisms
- ◆ Motivational Reason for the Audit
 - Bonus for “the maintenance guy”
 - Company-wide cost cutting
 - CO2 market driven
 - Recognition of their location by corporate
 - Utility / Government \$ is available
 - Marketing & Public Engagement

All Those Letters After Your Name

- ◆ PE – The “Big One”
- ◆ CEM – The “Recognized One”
- ◆ LEED AP – The “Green Building One”
- ◆ ASHRAE Certification (BEMP,CEMP,etc)
- ◆ CLEP, CEA, BEP
- ◆ LOL, ROTFL, JK, BRB...????

Types of Employers

- ◆ Design Firms
- ◆ Consulting Firms
- ◆ Performance Contractors
- ◆ Government / Institutional
- ◆ Utility Companies
- ◆ Manufacturing Corporations
- ◆ Sales Engineers
- ◆ Policy / Think Tanks

Best Audit Stories

- ◆ Food Processing = VERY Interesting
- ◆ “The only way to save energy in this place would be to blow it up”
- ◆ Tornado Shelter Recommendation – After we got stuck in plant during tornado...
- ◆ Ever been stuck in a warehouse full of caskets?
- ◆ You will see some very weird stuff here...

Q&A

