

# Career Options In Energy Efficiency Consulting



*presented by*  
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**energy & resource solutions, inc. (ers)**

**IAC Student Meeting  
February 2008**

# Overview of Energy Efficiency Consulting

## ➤ Types of Services

- **Technical Assistance / Project Analysis (Energy Audits)**
- **Project Design & Implementation**
- **Utility / PUC Energy Efficiency Programs:**
  - **Planning & Consulting**
  - **Evaluation**
  - **Quality Assurance**
- **Training – Energy codes, commissioning, best practices**

## ➤ Sources of Funding

- **Utility-sponsored Programs**
- **State-sponsored Programs**
- **Federal-sponsored Programs**
- **Private Clients**

# U.S. Areas of Significant Energy Efficiency Program Activity in 2006

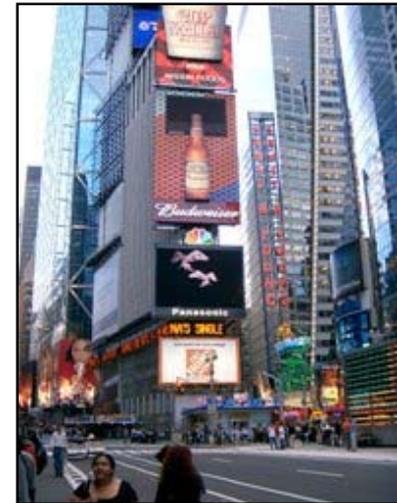
- **Northeast** > **\$670 Million per Year**
- **California** > **\$870 Million per Year**
- **Pacific NW** > **\$220 Million per Year**
- **Midwest** > **\$370 Million per Year**
- **Southeast** > **\$370 Million per Year**
- **Southwest** > **\$105 Million per Year**
- **Hawaii** > **\$18 Million per Year**

# About ERS



energy & resource  
solutions

- Established in 1995
- Office Locations & Employees
  - Haverhill, MA (Boston Area) – Headquarters: 15
  - NY, New York (Times Square): 3
  - Augusta, Maine: 6
  - Texas / California: 2
- 26 Employees
- 6 IAC Alums
- Continued Growth
- Unique Work Culture



# Technical Assistance Engineering

- **Comprehensive Commercial & Industrial Technical Assessments**
  - **Process & Resource Related**
  - **Existing Buildings**
  - **New Construction**
- **Energy Modeling**
- **Energy & Productivity**
- **DOE – Energy Savings Assessments (ESAs)**
- **Demand Response Assessments**
- **Commissioning and Re-commissioning**
- **Quality Assurance Services**

# Feasibility Studies

- **Renewable Energy Systems**
- **Green Building / LEED Studies**
- **Co-Generation Studies (CHP)**



# EE Program Planning & Consulting

## ➤ Program Planning

- Efficiency Maine Program Development & Implementation
- High-Performance Schools Program
- High-Performance Lighting Program
- Prescriptive and Custom EE Program Consulting
- Technology Assessment



# EE Program Evaluation

## ➤ EE Program Evaluation

- Post Installation Analysis
- Commercial & Industrial Utility Programs
- High-performance lighting
- Evaluation – Monitoring & Verification



# Project Design & Implementation

- High Performance Lighting
- HVAC
- Construction Oversight
- Commissioning,
- Re-Commissioning,
- Retro-Commissioning



# Training

- **Energy Codes**
- **High Performance Technologies – Circuit Rider**
- **Design Assistance**
- **Paper Presentations**



# Contact Info

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# Questions?

