

Career Options In Energy Efficiency Consulting



presented by

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ENERGY & RESOURCE SOLUTIONS, Inc. (ERS)

**IAC Student Meeting
February 2007**

Overview of Energy Efficiency Consulting

➤ Types of Services

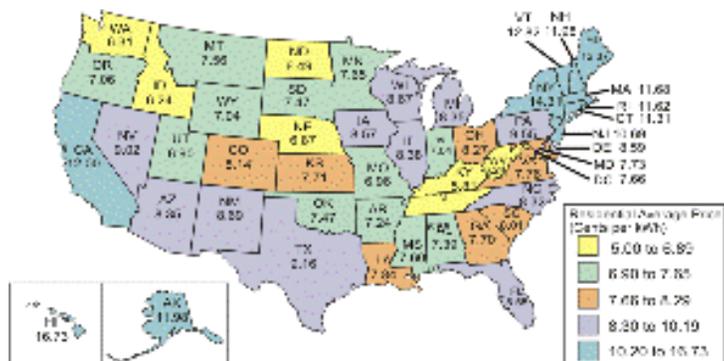
- Research & Development
- Technical Assistance/Project Analysis
- Project Design & Implementation
- Utility/PUC Energy Efficiency Program Planning
- Utility/PUC Energy Efficiency Program Evaluation
- Energy Procurement
- Training

➤ Sources of Funding

- Utility Sponsored Programs
- State Sponsored Programs
- Federal Sponsored Programs
- Private Clients

U.S. Areas of Significant EE Program Activity for Consultants in 2006

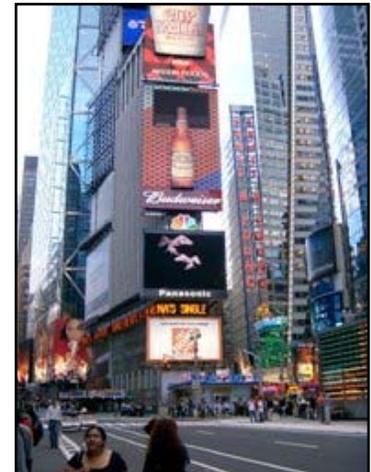
- **Northeast** > \$670 Million per Year
- **California** > \$870 Million per Year
- **Pacific Northwest** > \$220 Million per Year
- **Midwest** > \$370 Million per Year
- **Southeast (Texas, Florida, Georgia)** > \$370 Million per Year
- **Southwest** > \$105 Million per Year
- **Hawaii** > \$18 Million per Year



Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report"

About ERS

- Established in 1995
- Office Locations
 - Haverhill, MA (Boston Area) – Corporate Headquarters
 - NY, New York (Times Square)
 - Portland, Maine
 - College Station, TX
- 21 Employees
- 8 IAC Alumni
- Continued Growth
- Unique Work Culture

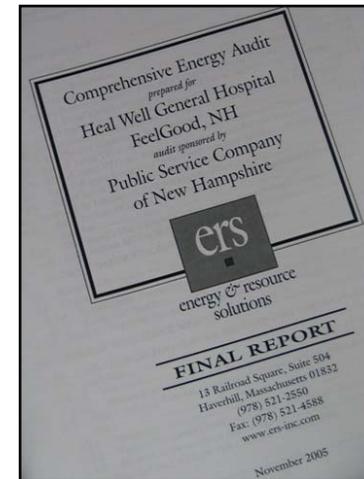


energy & resource solutions



ERS Consulting Services

- Technical Assistance Engineering
- Feasibility Studies
- Program Planning
- Program Evaluation
- Project Design & Implementation
- Training



Technical Assistance Engineering

- **Comprehensive Commercial & Industrial Technical Assessments**
 - **Process & Resource Related**
 - **Existing Buildings**
 - **New Construction**
- **ECO-Efficiency (integrates energy, resource, productivity)**
- **Energy & Productivity**
- **DOE – Energy Savings Assessments (ESAs)**
- **Demand Response Assessments**
- **Commissioning**
- **Quality Assurance Services**

Feasibility Studies

- Renewable
- Green Building Studies
- Co-Generation Studies (CHP)



Program Planning

➤ Program Planning

- Efficiency Maine Program Development & Implementation
- High Performance Schools Program
- High Performance Lighting Program
- Technology Assessment



Program Evaluation

➤ Program Evaluation

- Post Installation Analysis
- Commercial & Industrial Utility Programs
- Residential Utility Programs
- Evaluation, Metering & Monitoring



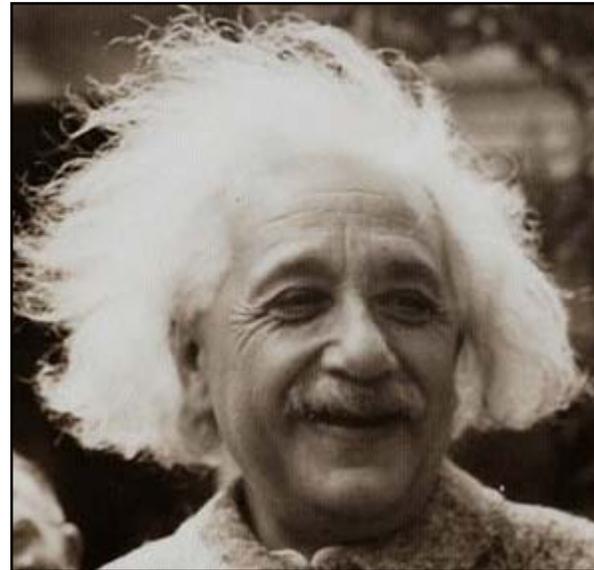
Project Design & Implementation

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



Training

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



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Questions?

