U.S. Department of Energy
Industrial Assessment Center
Experience

Blake K. Licht
Principal Supervisor

July 29, 2008
Blake K. Licht

- 27 years with DTE Energy
- 15 years in Energy Conservation
- 8 years in supervision
- Team
  - 18 Field Energy Conservation Engineers (ECE)
  - 2 Staff Engineers
DTE Energy – Energy Partnership and Services Group

- 15 years of energy conservation services
- Staff
  - 4 Supervisors
  - 65 Energy Conservation Engineers (ECE)
    - 2 current IAC graduates, 2 others previous
- Customers
  - Industrial, commercial, institutional, health care, civic
- Services
  - ECE’s embedded at Customer’s facilities
  - One time audits
  - Project management
Energy Conservation Engineer

• Required attributes
  – People skills
  – Written & verbal skills
  – Technical proficiency
    • Electrical systems
    • Mechanical systems
    • Production processes
    • Energy rates, use, cost structures
  – Recognizing opportunities
    • Not taught, learned
Energy Conservation Engineer

- Typical background
  - Engineer (mechanical or electrical)
  - Facilities/production/military
    - maintenance or operations
  - 15 to 20 years experience
- Vacancy filling
  - 12 to 15 months
Benefits of Hiring IAC Program Graduates

• Qualifications
  – Technical proficiency
    • Engineering
    • ENERGY
  – Real world experience
    • Audits
    • Manufacturing processes
    • Calculations
    • Presentations
    • Confident
    • Recognize opportunities
    • Leadership
Benefits of Hiring IAC Program Graduates

• Benefits to Employers
  – Reduces remedial training
  – Improved productivity
  – Increased effectiveness
  – Enhance opportunity for advancement