



Energy Efficiency Services Workforce Needs Assessment

National Action Plan for Energy Efficiency

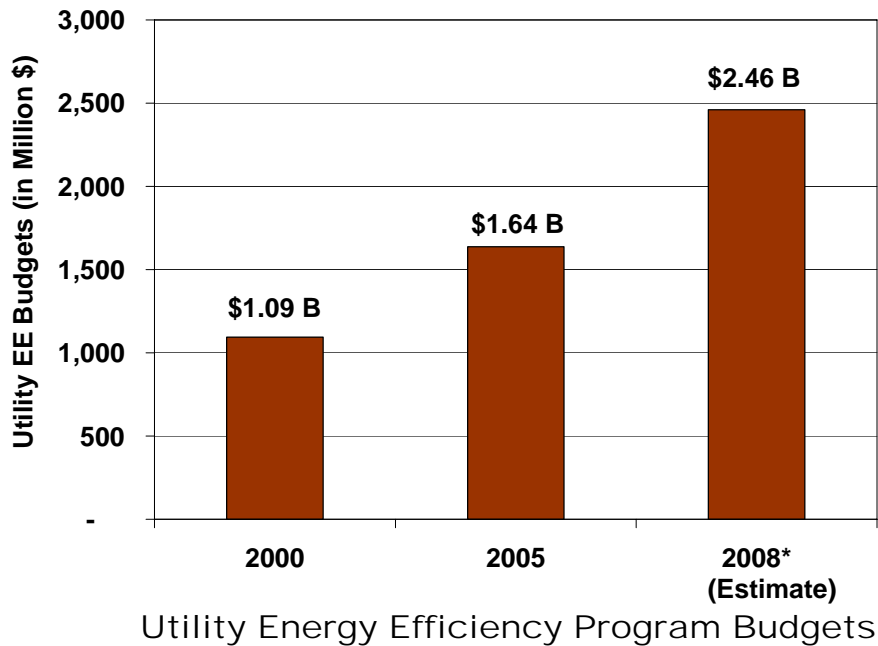
[www.epa.gov/
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Chuck Goldman
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January 7, 2008
Leadership Group Meeting

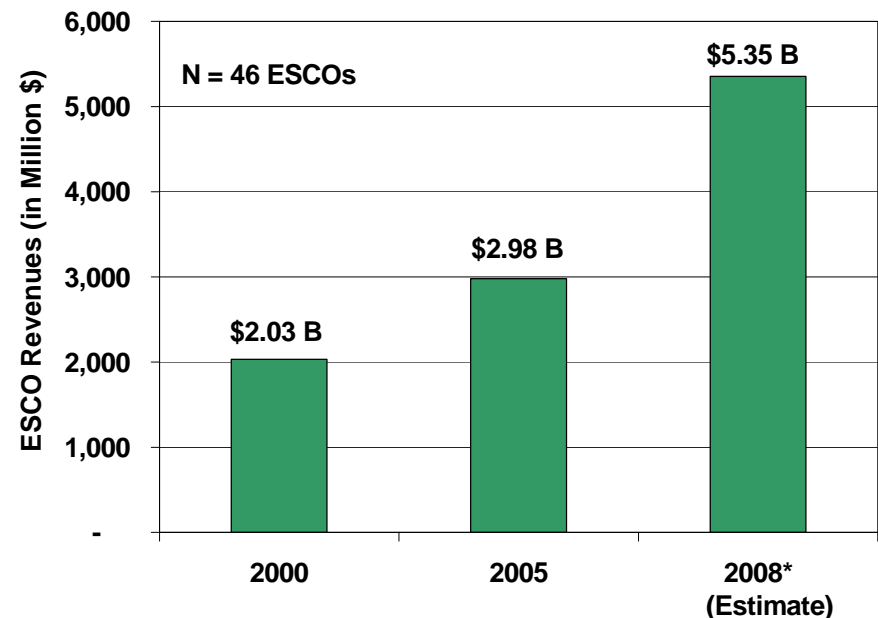


Utility Energy Efficiency and ESCOs Projecting Significant Growth



- Greatly increased need for experienced professionals and technicians to provide energy efficiency services

- Near-term forecast (2006-08)
 - Utility EE programs expected to grow by at least 15%/year
 - ESCO revenues projected to increase by 22% per year



ESCO Industry Activity

Sources: CEE, Hopper & Goldman, LBNL survey 2007



Overview and Objectives

- Problem statement
 - Will shortage of available, experienced personnel be a key bottleneck constraining ability of EE program administrators, service providers and facility owners to effectively ramp up energy efficiency activities?
 - Over long-term, what are the requirements and needs for an educated, well-trained “clean energy” workforce?
- Project Objectives
 - DOE EERE has funded LBNL to conduct needs assessment of energy efficiency services workforce needs, focusing initially on C/I markets
 - Identify gaps and suggest priority workforce needs activities



Approach

- Develop work plan and implement a Needs Assessment
 - Conduct telephone surveys and focus groups with EE program administrators, service providers, trade & professional associations, & large customer groups (e.g. BOMA)
 - Review (and possibly inventory) existing “centers of excellence” at universities and colleges that train professionals in aspects of EE services and technician training programs at community colleges
- Form Advisory Group
- Review other examples of successful workforce training & professional development activities



Process and Schedule

- Project Team (Leads)
 - Lawrence Berkeley National Lab (Chuck Goldman)
 - Research Into Action (Jane Peters)
 - Consortium for Energy Efficiency (Marc Hoffman)
 - Advisory Group (to be formed)
- Technical Report on EE Services Workforce Needs
 - Draft Report (July 2008)
 - Final Report (Sept 2008)
- Briefings/workshop presentations



Questions for Leadership Group

- Does the proposed approach for addressing EE Services workforce needs make sense?
- Options for NAPEE Leadership Group (LG) involvement in this project?
- Organizations and/or experts that should be included in project Advisory Group?
- Given project timing & scope (C/I markets), what approach does LG want to take on the proposed activity area (Address EE Workforce Planning issues)?



For Further Information

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