



An Energy Efficiency Workshop & Exposition
Palm Springs, California

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Palm Springs, California

Energy Benchmarking in Cleanrooms

Stephen Fok
Pacific Gas and Electric Company
San Francisco, California



Energy Benchmarking in Cleanrooms

PG&E Energy Efficiency Programs

- Service Territory: Northern California
- Serving 13 million customers
- 25 years of Energy Efficiency Programs
- 2002 Non-residential Programs include:
 - Title 24 “commercial” Retrofit and New Construction Rebate
 - Non-Title 24 “process” New Construction Rebate
 - “Low-cost/No-cost” Energy Audit

June 2 -5, 2002

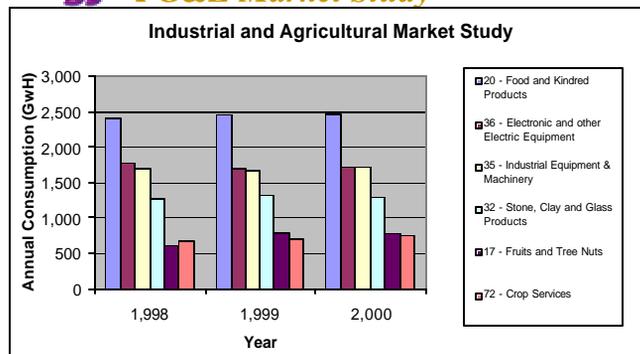
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PG&E Market Study

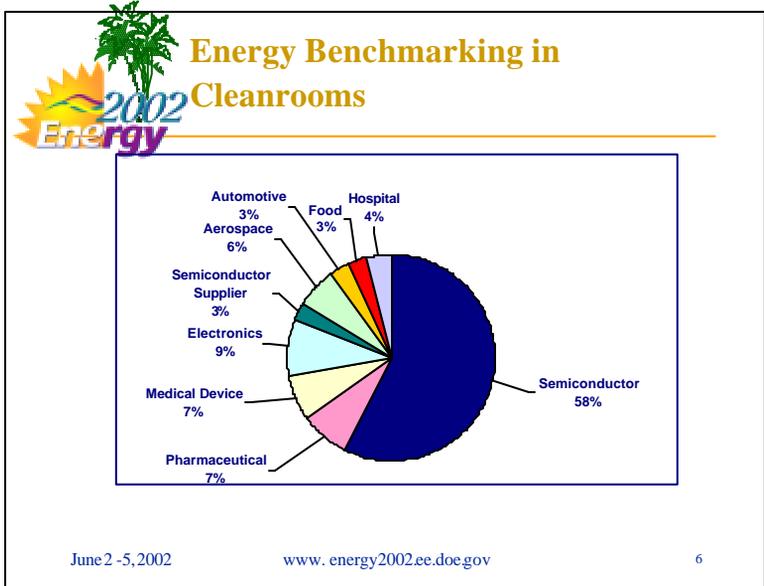
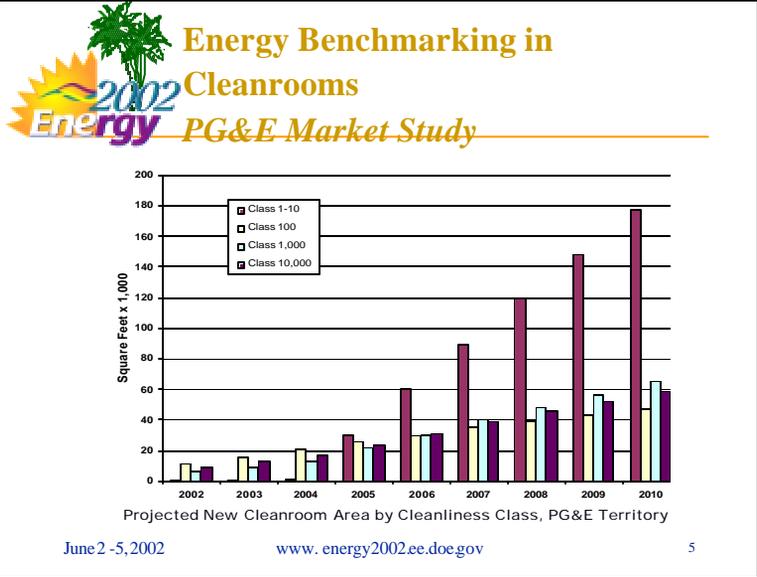


Ref: “Industrial & Agricultural Market/Impacts Study for IANCFY 2002” 8/30/2001

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Energy Benchmarking in Cleanrooms

- Collaboration with LBNL – 2000/2001 Cleanroom Energy Benchmarking Project
- Goals – Use benchmarking results to foster ***sustainable*** energy efficient cleanroom designs and operating practices.
- Objectives – Improve power reliability, cost-savings and safety for customers.

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