

Energy Efficiencies in the Workplace

June 2009

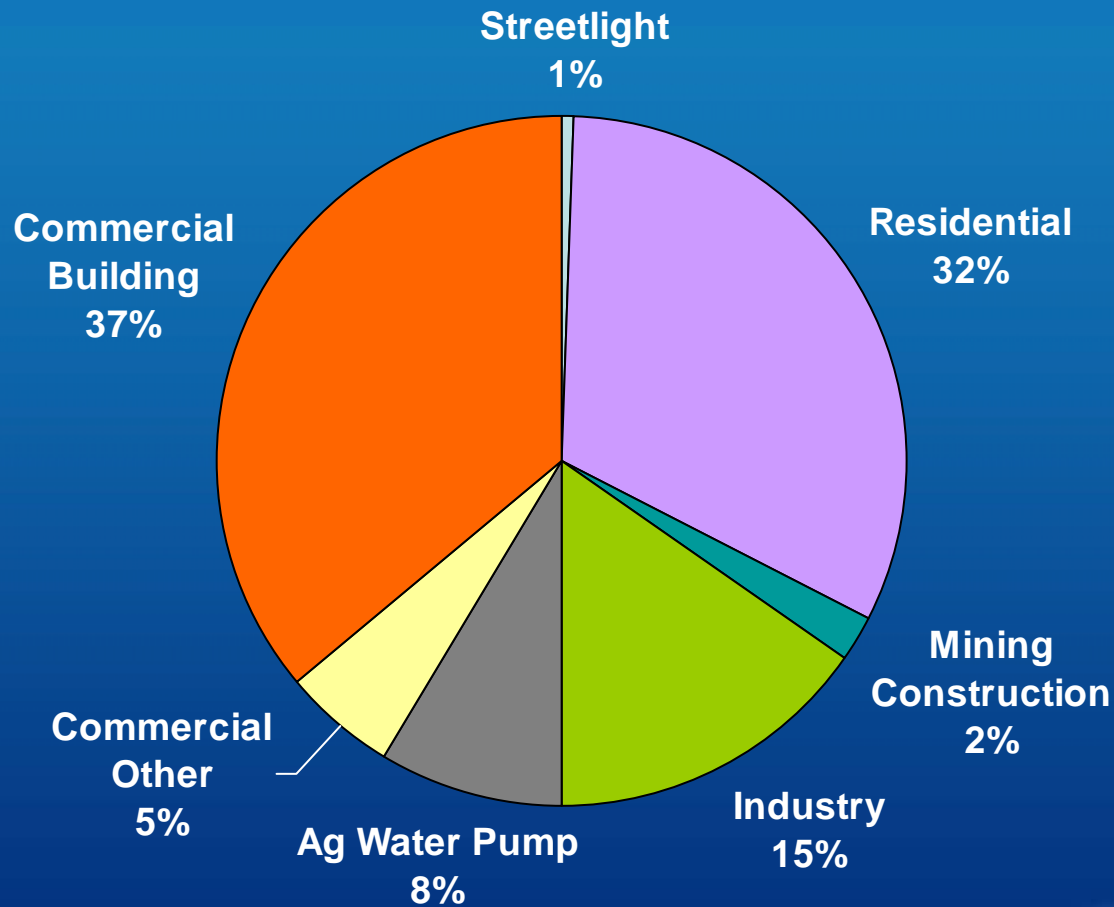
Lisa Van de Water
Air Quality Specialist



Overview

- Electricity Usage in California
- Air Quality Connection
- District Energy Action Plan
- Getting Started – Business Strategies for Energy Efficiency

California Electricity Consumption



Source: CA Energy Commission, Energy Consumption Data Management System; 2007
All Utility Entities

Energy Action Plan

- **2007 Ozone Plan - Fast Track to attainment**
 - **Non-regulatory emissions reductions**
- Outreach, Information & Education
- Tools for Residential, Commercial/Industry, Local Government
 - Templates for successful energy efficiency & green fleets programs
- Grants Program
 - Expand existing opportunities
 - New grant opportunities

In-House District EE Strategy

- Energy Conservation Committee
- Look for quick fixes with little or no cost
- PG&E energy audit
- Survey employees – health, comfort, productivity
- Develop a strategy for long-term solutions that may require budgetary considerations
- Evaluate possibilities for on-site alternative energy sources and “green” fleet options
- Monitor savings – costs & emissions
- Certification – ENERGY STAR[®], LEED

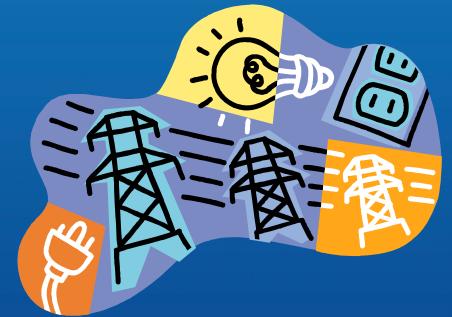
Business Strategies for EE

- Consider company goals
 - Immediate cost savings?
 - Contributing to state and global GHG reduction?
 - Making business more sustainable?
- Take a close look at operations
 - Energy team
 - Outside energy professional
- Develop a strategy



Utility Partners

- Programs
 - Customized audit and retrofit assistance
 - Rebates for EE upgrades
- Contacts
 - Pacific Gas & Electric
 - Southern California Edison
 - Southern California Gas Company



CoolCalifornia.org

- Partners
 - State agencies – ARB, CEC, PUC
 - Universities
 - Non-profit
- Small Business Toolkit
- Local Government Toolkit



Waste Minimization & Resource Management

- Quick short-term actions for long-term benefits
 - Air-conditioning
 - Office equipment shut down
 - Lighting
 - Upgrade to Energy Star, including kitchen appliances & vending machines
 - Increase recycling stations/options

Stimulus Opportunities

- Surge of money dedicated to efficiency and renewables
- Federal/state/local ongoing coordination
- SJV Clean Energy Organization
- We'll keep you posted
 - Cities, Counties, State
 - Federal Tax Credits
 - Rebates

