

# City of Sacramento

## Lunch & Learn

### May 21, 2008

SMUD Incentive & Rebate Programs

Presented by

Leah Pertl



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SACRAMENTO MUNICIPAL UTILITY DISTRICT

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# PROGRAMS AND SERVICES



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# Supporting Sustainable Business Practices

**Retrofit  
Incentives**

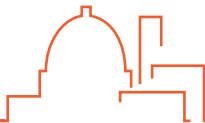
**Savings By Design  
Design Assistance  
Incentives**

**Retro-  
Commissioning**

**Commercial Solar  
On-site renewable  
energy**

**LEED ®  
Certified  
Sustainability**

**Energy Tracking  
Services**



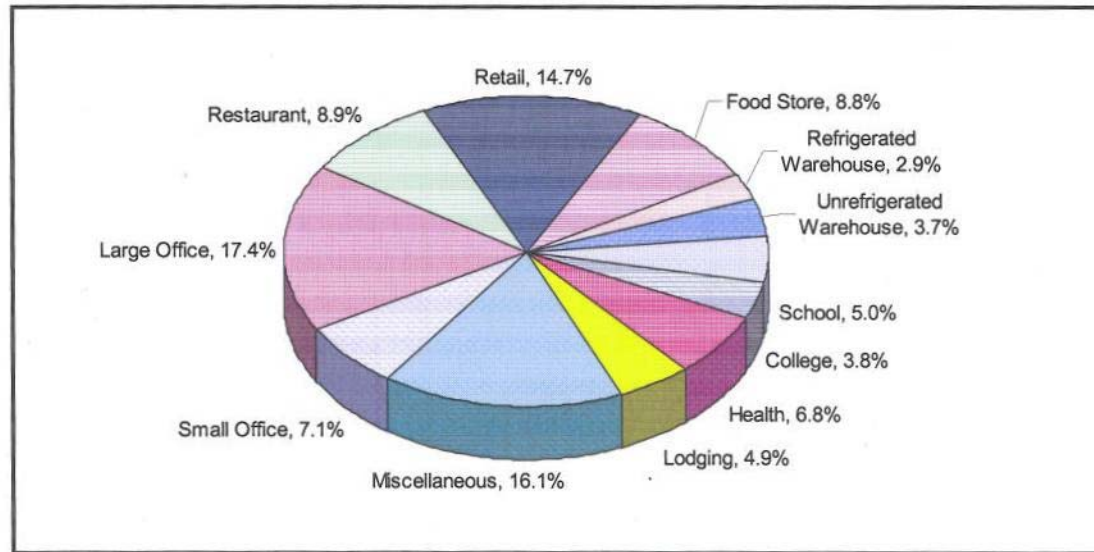
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# CALIFORNIA ANNUAL AVERAGE COMMERCIAL ELECTRICITY USAGE

Figure E-1: Commercial Electricity Use by Building Type



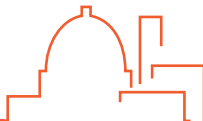
STATISTICS BASED ON DATA SUPPLIED BY CALIFORNIA ENERGY COMMISSION 2006 USAGE.



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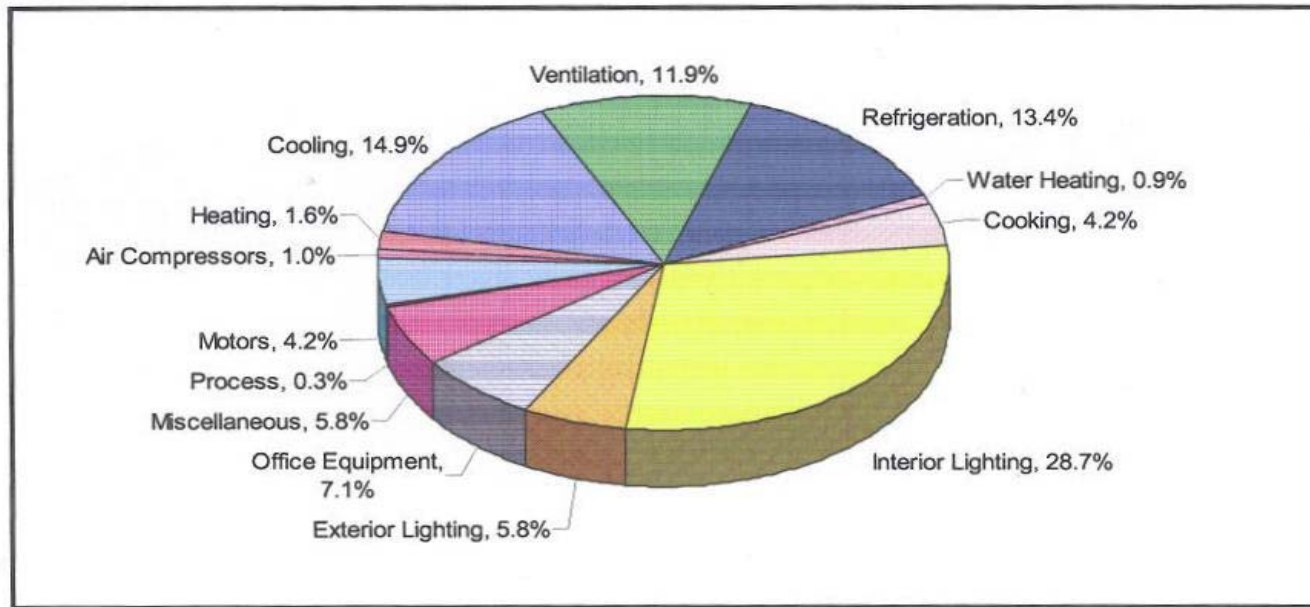
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# CALIFORNIA ANNUAL AVERAGE COMMERCIAL ELECTRICITY USAGE

Figure E-3: Electric Usage by End Use



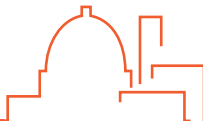
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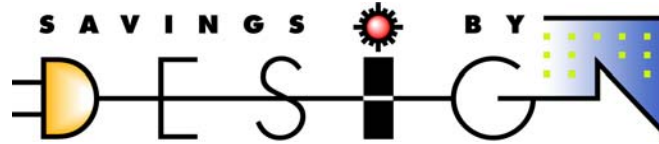
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## Savings By Design

Design Assistance  
Incentives

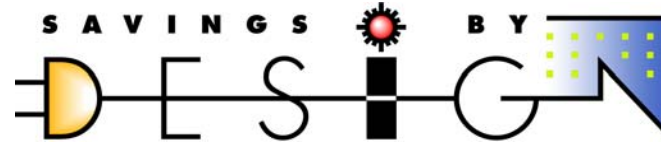
- New Construction
- Statewide collaboration of five utilities working to provide a common nonresidential new construction program.



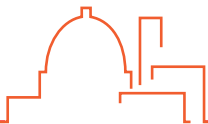
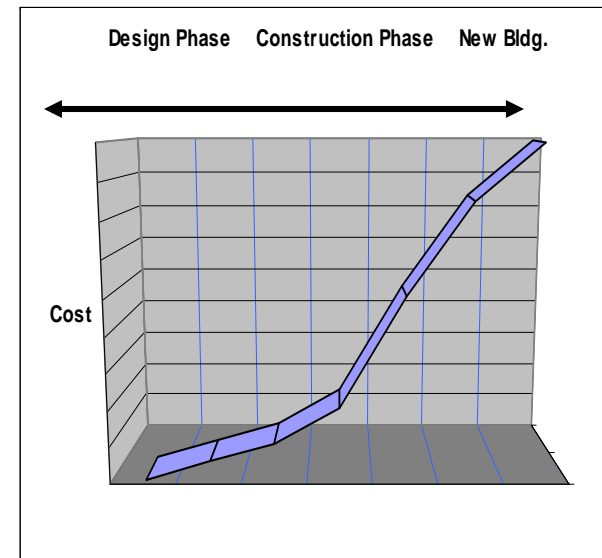
## Savings By Design

Design Assistance

Incentives



- Contact SMUD early
- Savings by Design was developed to make efficiency decisions a priority.
- Incentives are provided to help cover the incremental costs associated with integrating the efficiency improvements targeted through design assistance.



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**Retro-  
commissioning**  
Tune-up



- Larger buildings with complex controls. (100,000 sq ft+ of conditioned space)
- Equipment is recalibrated and adjusted to return building to original performance.
- Typically 5% -20% energy savings.
- Building is screened, extensively monitored and evaluated for opportunities.
- [www.smudrcx.org](http://www.smudrcx.org)
- [smudrcx@peci.org](mailto:smudrcx@peci.org)



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# RETRO COMMISSIONING

- The Program operates in six distinct phases:

Application

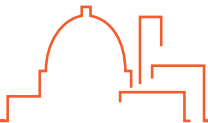
Screening

Agreement Development

Investigation

Implementation

Follow-Up



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Certified  
Sustainability

# LEED CONSULTATION AND SUPPORT

- LEED Associated Professionals available to answer your questions
- Help with achieving the atmosphere and environment credits
- \$5,000.00 incentive for certification



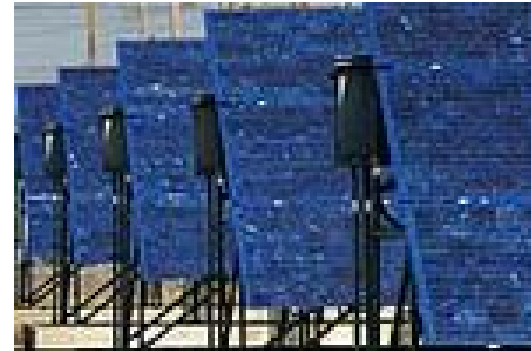
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**Commercial Solar**  
On-site renewable  
energy

# SOLAR PHOTOVOLTAIC



- Cash incentives for systems.
- Federal tax credits
- Once the system is installed, the power generated is always free. Sacramento averages 307 days of sunshine a year, which makes it ideal for PV systems.
- Save money from demand charges by reducing your business' peak demand.
- PV increases the value of your building.
- [www.smud.org](http://www.smud.org)



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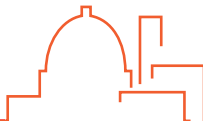
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**Retrofit  
Incentives**

# **EXPRESS INCENTIVES**

- Lighting Occupancy Sensors
- Reflective Window Film
- Variable Frequency Drives
- Refrigeration (night covers, strip curtains, vending machine controllers, etc.)
- Check the complete list of express incentives available on [www.smud.org](http://www.smud.org)

**No pre-approval required!!**



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**Retrofit**  
Incentives

# PRESCRIPTIVE LIGHTING

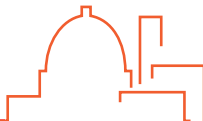
- Limited to small business < 300 kW
- Maximum incentive: \$ 20,000/location
- Does not include exterior lighting
- **Requires pre-approval**
- Generally contractor driven – self install OK



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**Retrofit  
Incentives**



# T-12 RETIREMENT PROGRAM

- Limited to large business > 300 kW
- Up to \$150,000 incentive or 50% of project cost (whichever is less).
- Generally contractor driven, no self install
- Requires pre-approval
- 120 days allowed for project completion



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**Retrofit  
Incentives**

# CUSTOMIZED INCENTIVES

- “Calculated Incentive” based upon annualized energy savings
- Pre-approval required!
- No incentive for used/reconditioned equipment
- Incentives available for lighting, HVAC and process improvement
- Financing may be available
- First-come, first-served



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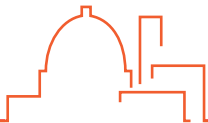
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**Retrofit  
Incentives**

# UPSTREAM PROGRAMS

- Packaged HVAC equipment  $\leq 20$  tons
- Contact SMUD for participating distributors  
([www.smud.org](http://www.smud.org))



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# Energy Tracking Services

- Energy Profiler On-Line **EPO**
- Easy to use web application
- Monitor your building's energy usage quickly and easily
- Budget forecasting
- Detect problem areas immediately



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# QUESTIONS?

## SMUD Programs and Services

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916-732-5712

Mark Jagodzinski- Sr. Product Services Coordinator

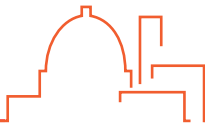
[mjagodz@smud.org](mailto:mjagodz@smud.org)

916-732-6658

Jeff Molander- Key Account Manager

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