ENERGY EFFICIENCY OPPORTUNITIES IN EDUCATION

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SMUD™
ENERGY EFFICIENCY IN SCHOOLS

• The Business Case for Promoting EE in Schools
  – Nearly 240,000 Students Enrolled
    • Impacts 16% of County’s Population and Households
  – Major Customer Segment
  – Reduced Annual Energy Costs by $4 Million Since 2007

• Energy Efficiency and the Learning Environment
  – Improved Lighting + HVAC = Better Learning
  – Energy Efficiency is Better Management
  – Improved Learning Opportunities
SMUD’S FOCUSED DEDICATION TO SCHOOLS

- Partnership Approach
  - Assigned Account Manager
  - More than 7 years Experience
    - Expertise
    - Trusted Energy Advisor
    - Advocate
    - Executive Level Relationships

- Targeted Programs
  - Smart Grid Partners
  - Dedicated Programs
    - Behavior Modification
    - Solar Sunflower
ENERGY EFFICIENCY PROGRAMS

• Custom Energy Efficiency Incentives
• Prescriptive Lighting
• Savings by Design
• Behavioral Modification
PROPOSITION 39

• Largest Commitment to Energy Efficiency Ever
• $2.75 Billion Over Five Years
  – $550 Million Per Year
    • $15.3 Million in SMUD Territory Per Year
    • $76 Million In SMUD Territory Over Five Years
• Energy Efficiency Spending will be Half Segment Revenue
PROP 39 – NOT BUSINESS AS USUAL

• Potential to Overwhelm Utility Energy Efficiency Incentive Budgets
  – Potentially Reduced Services to Other Market Segments

• Held Joint School District Executive Meeting
  – Traditional Utility Incentives Not the Only Approach
  – Value Added Services
PROPOSITION 39 – THE GOOD NEWS

• More Dollars Available for Education
• Reduced Greenhouse Gases
• Improved Employment Opportunities
  – Training Path for Trade School Bound Students
• California Recognized as Leader
SUCCESS STORIES

- Sacramento City Unified
  - Upgraded Lighting Systems in 50 Campuses – Over $250,000 Paid in Incentives
  - Added EMS in 26 School Sites – Over $1.3 Million in Smart Grid Grants

- Elk Grove Unified
  - Saved Over $1 Million Due to Behavioral Modification Program
  - Added EMS to 11 School Sites – $1 Million Paid In Smart Grid Grant
SCHOOL DISTRICT COMBINED SAVINGS SINCE 2007

- 39 million kWh Saved
- 7.8 mW Saved
- $4.3 Million in Grants and Incentives
SMUD APPROACH

• Partnering with the Education Community
• Meet with School District Executives
• Development Innovative Programs
• Offer Training Programs that Engage At Risk Youth
QUESTIONS?

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