

Energy Efficiency and Demand Management Looking Forward

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Con Edison - Who We Are and Why We Care

- 660 sq. mile service territory
- 133,000 miles of T&D cable (over 95,000 miles are underground)
- 76,000 people/sq. mile
- 2,000 MW/sq. mile at peak
- Over 3.3 million unique electric, gas and steam accounts; serve about 10 million people
- Over 600,000,000 sq. ft. of office space
- 421,000 businesses
- 900,000 residential buildings
- 58 billion kWh of electric consumption

Strategic View and Concerns

- The customer bill cannot go up forever - resource acquisition alone may be too expensive over the long term
- Codes and Standards processes are long and clunky but could be flexible and drive new technology as well as efficiency
- Demand Side Management can provide load reductions to benefit the T&D system, be integrated into system planning, and provide a hedge against forecast uncertainty
- Continued fractured approach to smart grid, demand side management, codes and standards and market transformation may not allow for most effective use of customers dollars and system resources