

California City-County Street Light Association

Energy Conference #56
Northern California

Dimmable Network Street Lights

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Current LS-2 Rate Structure

- Energy charge is fixed
- Based on 4,100 hours per year
- Also based on fixed lamp ratings (kWh per month) at full brightness
- Charged on a monthly basis
- Fixed charges = easy for PG&E to bill

Issues with current LS-2 rate structure

- No incentive to reduce energy usage
- No benefit to customer who dim lights
- Contrary to California statewide goals of energy efficiency and reduction in greenhouse gas emissions

Dimmable Streetlight Rate

- Need for a new billing system
 - CAL-SLA proposed LS-4 schedule
 - PG&E countered with revising LS-2
 - Currently in settlement talks
- New Rate Design
 - Energy charge (\$/kWh)
 - Minimal fixed charge for account services

Benefits

- Customers charged based on actual energy usage
- Financial savings – less energy used = lower bills
- Control over how much energy is used
 - More control over budgeting and operations
- Reduction in greenhouse gas emissions

Benefits Cont.

- Energy savings helps to offset the cost of the technology in the long run
- The purchase price of dimmable technology may be more expensive than traditional technology
- BUT – grants, loans, rebates, and energy savings with a dimmable rate = economically viable