California City County  
Street Light Association  
General Rate Case Review  
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General Rate Case
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Emerging Issues @ CPUC

- PG&E bankruptcy
- Wildfires and grid hardening
- Transitioning customers to time of use rates
- Greater use of renewables
- Peak period shifted to later at night
- Community choice aggregation
Emerging Street Light Issues

- Widespread adoption of LEDs
- Phase-out of LED rebates
- Dimmable programs in all three IOUs
- Purchase of lamps in SCE territory
- Rates of lamps that aren’t for sale
## Summary of Street Light Rates

<table>
<thead>
<tr>
<th></th>
<th><strong>LS-1</strong></th>
<th><strong>LS-2</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ownership</strong></td>
<td>Utility (SCE or SDG&amp;E)</td>
<td>Customer</td>
</tr>
<tr>
<td>Facility charge</td>
<td>Large facility charge:</td>
<td>Small facility charge:</td>
</tr>
<tr>
<td></td>
<td>Rental of lamp</td>
<td>Customer responsibility</td>
</tr>
<tr>
<td></td>
<td>Maintenance</td>
<td>Optional maintenance w/customer request</td>
</tr>
<tr>
<td></td>
<td>Eventual replacement of lamp @ end of life</td>
<td>Customer responsibility</td>
</tr>
<tr>
<td></td>
<td>Billing and admin</td>
<td>Billing and admin</td>
</tr>
<tr>
<td><strong>Energy charge</strong></td>
<td>Based on wattage of lamp operating 11 hours per night</td>
<td>Same as LS-1</td>
</tr>
</tbody>
</table>
SCE Tariff Comparison

- Monthly cost comparison between LS-1 and LS-2 most common lamp type
- Rates effective March 1, 2019
- Differential between LS-1 and LS-2 is due to the facility rental cost
- LS-1 facilities charge: rental cost and SCE O&M
- Customer O&M expense based on recent service contract data
- Energy rate is $0.08275/kWh
- Energy rate: generation, non-bypassable charges, kWh delivery charge

Savings: $7.49

SCE Tariff Comparison Chart:

- LS-1 HPSV 100W: $8.94
- LS-2 HPSV 100W: $4.79
- LS-2 LED 41W: $2.67

Breakdown:
- Energy: $3.34, $1.22
- Customer O&M: $0.65, $0.65
- Facilities: $0.80, $0.80

Savings:
- LS-1 to LS-2 HPSV 100W: $7.49
- LS-2 HPSV 100W to LED 41W: $2.12
SCE 2018 Rate Case

• Filed June 2017, final decision December 2018, and new rates March 1, 2019

• Achieved a 1.7% decrease to street light revenues compared to other customer classes

• Settlement included a 7% decrease in energy rates

• +5% cap on LS-1 facilities charges

• Explore dimmable program for future rate case
No Street Light Left Behind

- SCE refuses to sell lamps on shared distribution poles
- New shared pole rate
  - Call SCE to apply
  - Monthly savings of $4.29/lamp
  - Possible one-time inventory fee of $1.58/lamp
- LED conversion w/LS-1E Option
SCE - No Lamp Left Behind

- **LS-1 HPSV 100W**
  - Energy: $3.34
  - LED Fee: $1.55
  - Facilities: $8.94
  - Savings: $0.57

- **LS-1E LED 41W**
  - Energy: $1.22
  - LED Fee: $1.55
  - Facilities: $8.94
  - Savings: $4.29

- **LS-1E LED 41W Shared Pole**
  - Energy: $1.22
  - LED Fee: $1.55
  - Facilities: $4.65
  - Savings: $7.42
SDG&E 2019 Rate Case

- Filed March 2019 w/expected decision May 2020
- Allegedly, a slight revenue decrease for street light class (-1.14%)
- However, +8% or greater increase for LS-2 rates
- Most LS-1 rates -3% to -6%
SDG&E - Curious Silence

- No discussion in the rate case filing regarding:
  - Dimmable street light program
  - Ancillary devices attached to poles
  - Conversion of LS-1 lamps to LED (i.e. Advice Letter 3263-E-A)
    - Conversion of all LS-1 lamps over the next 5 years
    - No added inventory or facilities charges
GRC Next Steps

• Actively participate in SDG&E’s 2019 Rate Case

• Continue to engage in the LED rebate issue

• Monitor the SDG&E dimmable street light program

• Monitor the status of LS-1 LED conversions

• Monitor the impacts on street light sales on remaining LS-1 rates
Questions