Experience and Examples for the City of Davis

Community Choice Energy Public Forum
April 23, 2015
Explain with a Picture

**source**
- SCP
  - buys and builds cleaner energy supplies

**delivery**
- PG&E
  - delivers energy, repairs lines

**customer**
- YOU
  - choice, cleaner energy, local control and competitive rates
Governance

Public board oversees Joint Powers Authority

Board can delegate to committees as needed

Voting is normally one director one vote, but allows load-weighted voting for veto
33% renewable power – more than PG&E
Competitive rates — 6 to 9% lower than PG&E (Feb 2015)
34% lower greenhouse gas emissions
Default service – designed for maximum participation
100% local, 100% renewable power

Premium of 3.5¢/kWh (about 14% more than PG&E)

Optional program available to everyone in participating cities
As a part of our mutual commitment to support your energy choice, Sonoma Clean Power (SCP) and PG&E have partnered to create a comparison of our typical electric rates, average monthly charges and generation portfolio contents. Below you will find a representative comparison of our rates, average monthly bills and power generation portfolio content based on customer class. To find your specific electric rate, please scroll down to your rate plan to view the rate and bill comparisons.

**E-1 / RES-1**

<table>
<thead>
<tr>
<th></th>
<th>PG&amp;E</th>
<th>Sonoma Clean Power CleanStart (33% Renewable)</th>
<th>Sonoma Clean Power EverGreen (100% Renewable)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Residential: E-1</strong></td>
<td></td>
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<tr>
<td>Generation Rate ($/kWh)</td>
<td>$0.09745</td>
<td>$0.07100</td>
<td>$0.10600</td>
</tr>
<tr>
<td>PG&amp;E Delivery Rate ($/kWh)</td>
<td>$0.11769</td>
<td>$0.11769</td>
<td>$0.11769</td>
</tr>
<tr>
<td>PG&amp;E PCIA/FF ($/kWh)</td>
<td>N/A</td>
<td>$0.01234</td>
<td>$0.01234</td>
</tr>
<tr>
<td>Total Electricity Cost ($/kWh)</td>
<td>$0.21514</td>
<td>$0.20103</td>
<td>$0.23603</td>
</tr>
<tr>
<td>Average Monthly Bill ($)</td>
<td>$115.28</td>
<td>$107.72</td>
<td>$126.48</td>
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</tbody>
</table>

Monthly usage: 536 kWh  
Rates are current as of January 1, 2015
NEM and EV Rates

Same rate structures as PG&E – all types offered

Discounts still apply (CARE, medical baseline)

Charges for generation are less

SCP credits $0.01/kWh bonus on customer generation

Cash out credits every April at retail up to $5,000/acct
Special Rates

NEM-A Aggregation: agriculture, business parks, campuses

NEM-V Virtual: multifamily, shopping centers

Option R: NEM customers with loads over 1 MW (coming soon)

ProFIT: feed-in tariff standard offer up to 1 MW
In-County Renewables

50 MW of local baseload geothermal contracted

7,000 NEM customers producing about 2 MW of excess

12.5 MW of new floating solar under construction

Active recruitment of new projects
Risk Mitigation

Joint Powers Authority is valuable to shield member general funds

Pre-plan how cities can leave program, due to long-term supply contracts

Hire real wholesale market experts to manage supply portfolio and compliance
• Retail experience with energy and renewables is virtually unrelated
• Industry is heavily regulated (surprise!)

Streamline contracting process with industry metrics (value at risk instead of dollars) to allow flexible response to real-time market
SCP and Economic Development

Average electric service savings = 7% on total charges

Bonding capacity in 4 years

Over $60 million invested in Sonoma County in first three years

Active business partnerships