

Community Choice Aggregation (CCA) Overview

Presentation To: San Leandro City Council
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Presentation Overview

- Why now? Alameda County is considering forming a CCA.
- CCA history and description
- What does it mean for San Leandro residents and businesses?
- What will the CCA evaluation process look like?
- What is the timeline?

About Aspen Environmental Group

- Aspen Environmental Group specializes in environmental assessment of power plant and transmission projects, as well as energy economics
- Our assignment:
 - Assist San Leandro City Council and staff to evaluate an Alameda County CCA
 - Assist with community outreach regarding CCA formation, and what a CCA does
- Aspen's Energy Economics practice is overseen by Catherine Elder, who has been involved with California gas and electric utility supply economics for more than 30 years.
- Ms. Elder is assisted by Michael Pretto, whose work in California utility economics, rates, fuel supply and financial analysis spans more than 45 years.

What is Community Choice Aggregation?

- AB117 allows communities to obtain their electricity supply from sources other than PG&E through Community Choice Aggregation (CCA)
- Electric service basics:
 - Two main components: (1) the electricity you use for your lights, appliances, computers, etc., and (2) the equipment (wires, substations) needed to deliver that electricity
 - Today, PG&E supplies and bills for both of these components
 - Under the CCA model, a community based entity would supply the electricity component; PG&E would act as the CCA's billing agent and customers would continue to receive a single bill
- Two CCAs currently: Marin Clean Energy and Sonoma Clean Power

A CCA Illustration*

How Local Energy Aggregation Works



*from the Alameda Co. CCA website

Marin Clean Energy / PG&E Bill Illustration



ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: 0051683301-9
 Statement Date: 10/01/2013
 Due Date: 10/22/2013

Service For:

PAT A CAN
 5905 FRESNO AVE
 RICHMOND, CA 94804

Questions about your bill?

24 hours per day, 7 days per week
 Phone: 1-866-743-0335
www.pge.com/MyEnergy

Local Office Address

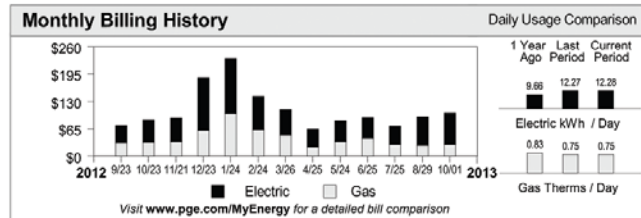
1100 S 27TH ST
 RICHMOND, CA 94804

Your Account Summary

Amount Due on Previous Statement	\$94.84
Payment(s) Received Since Last Statement	-94.84
Previous Unpaid Balance	\$0.00
Current PG&E Electric Delivery Charges	\$43.33
MCE Electric Generation Charges	32.10
Current Gas Charges	28.20

Total Amount Due by 10/22/2013 \$103.63

MCE's charges appear on the customer's PG&E bill



Important Messages

Your charges on this page are separated into delivery charges from PG&E and generation or procurement charges from an energy provider other than PG&E. These two charges are for different services and are not duplicate charges.

Electric power line safety PG&E cares about your safety. Be aware of your surroundings and keep yourself, tools, equipment and antennas at least 10 feet away from overhead power lines. If you see an electric power line fall to the ground, keep yourself and others away, call 9-1-1 and then PG&E at 1-800-743-5000.

Background – Key Aspects of CCAs

- AB117 was an outgrowth of the 2000 energy crisis, but it took some time for the concept to take hold
- In 2010, the Marin Energy Authority* (a JPA comprised of Marin County and its cities) began supplying electricity to Marin residents and businesses. Ditto for Sonoma Clean Power** (Sonoma County and its cities) in 2013.
- Their main selling points:
 - Local control of electricity supply
 - Greater access to local renewable power projects
 - Higher percentage of renewable supply than PG&E
 - Rates competitive with PG&E

*mcecleanenergy.org

**sonomacleanpower.org

Background – Key Aspects (Cont.)

- Are there downsides to a CCA?
 - No guarantee that CCA electricity prices or supplies will always be competitive with PG&E
 - CCAs have been able to demonstrate creditworthiness to their energy suppliers – so far
 - But, CCA customers can switch back to PG&E – which affects suppliers' perception of CCA creditworthiness

Rules governing CCAs – AB117 & SB790

- CCAs must file implementation plans with the California Public Utilities Commission
- CPUC has 90 days respond to any submitted CCA implementation plan
- Procedure for notifying customers that they will move from PG&E electricity supply to CCA electricity supply
- Customers must be able to “opt out” and remain with (or go back to) PG&E
- CCAs can opt to administer energy efficiency and conservation programs in their service area
- Utilities must cooperate in formation of CCAs

Current Developments

- Continued interest in forming CCAs
 - San Mateo County and its cities
 - Several cities in Santa Clara County
 - City of Los Altos
 - City of Lancaster
 - Alameda_County

An Alameda County CCA – “East Bay Community Energy”

- How would this affect the City of San Leandro?
 - San Leandro would be able to join an Alameda County CCA - or not
 - Marin and Sonoma structures indicate little, if any, risk to City
 - Availability of CCA electricity provides more choices – both as to the type (33%, 50%, 100% renewable?) and price of electricity
- How would this affect San Leandro residents and businesses?
 - If San Leandro opts in, all residents and businesses would be transferred to the Alameda County CCA – unless they affirmatively choose to remain with PG&E
 - Marin and Sonoma evidence is that about 10-15% of customers have opted to stay with PG&E

Status of Alameda County CCA-related Actions*

- Preliminary study
- Board of Supervisors June 2014 approval:
 - Investigate formation of CCA Joint Powers Authority
 - Form Steering Committee
 - Conduct public outreach
 - \$1.3 million budget for technical support and outreach
- Details of Steering Committee consisting of Board of Supervisor appointees and representatives from each city has taken time. First meeting expected in June 2015
- Draft RFP issued for CCA detailed feasibility study technical consultant – to be finalized by the Steering Committee
- Timeline – To be determined, but likely to extend into 2016.

*<http://www.acgov.org/cda/planning/cca/meetings.htm>

Steering Committee Objectives and Composition

- Provide forum:
 - To specify and review the detailed feasibility study
 - Receive public input
 - Make recommendations to Board of Supervisors
 - Brown Act committee
- Committee to consist of 33-35 members
 - One representative from each of the County's 14 cities, plus
 - One representative for the unincorporated areas, plus
 - Three appointees from each of the five Supervisorial Districts, plus
 - Three to five "at large" appointees
- San Leandro representative: Councilmember Cox and Councilmember Lopez as alternate
- Applications deadline was May 20, and committee appointments to be formalized early in June

Next Steps

- Community outreach as appropriate, including
 - Residents
 - Large electric users
 - Chamber of Commerce
- Report back on Alameda County CCA Steering Committee activities, as well as developments in other communities

Thank You

Questions?