APRIL ENVIRONMENTAL WORKSHOPS
6:30 PM at the Veterans Memorial Center Game Room

April 5
CCE spot run!

April 11
FANTASTIC PESTS & HOW TO CONTROL THEM

April 12
Something Composted This Way Comes

April 13
the silence of the sprinklers

April 18
WHERE THE URBAN WILD THINGS ARE

April 19
THE HITCHHIKER'S GUIDE TO ZERO WASTE

April 20
Cloudy with a Chance of Stormwater Run-Off

April 26
Much ado about Water

GreenerDavis.org
Save Water
Save Energy
Reduce Waste
Win Prizes

Take the Mayor’s Challenge
Pledge on behalf of City of Davis

MyWaterPledge.com

April 1 - 30
Free Filter Exchange Event
Saturday, May 20
Recycle your used motor oil filter at any O’Reilly Auto Parts or AutoZone store in Davis, Woodland or West Sacramento and receive a new oil filter of equal value for FREE!
Limit 2 per resident.
Yolo County residents only.

Funded by CalRecycle

For more information, visit DavisRecycling.org
FRIENDS OF THE UC DAVIS ARBORETUM AND PUBLIC GARDEN

PLANT Sales

SATURDAY
March 11
9 - 11 AM
MEMBERS ONLY
11 AM - 1 PM
PUBLIC SALE

SATURDAY
April 8
9 AM - 1 PM
PUBLIC SALE

SATURDAY
April 29
9 AM - 1 PM
PUBLIC CLEARANCE SALE!
Valley Clean Energy Alliance

April Greener Davis Workshops

April 5, 2017
What is Community Choice Energy (CCE)?

CCE enables local governments to procure and/or develop power on behalf of their public facilities, residents and businesses. It has proven to increase renewable energy and lower greenhouse gases while providing competitive electric rates.
CCE is Growing in CA

Operational CCAs
- MCE Clean Energy (includes Napa County, parts of Contra Costa and Solano Counties)
- Sonoma Clean Power
- Lancaster Choice Energy
- Clean Power San Francisco

2016 Launch
- San Mateo County / Peninsula Clean Energy
- Los Angeles County / LA County Clean Energy

Exploring / In Process
- Alameda County / East Bay Community Energy
- Butte County
- City of San Jose
- Contra Costa County
- Humboldt County
- Lake County
- Mendocino County
- Monterey County*
- Placer County
- Riverside County
- San Benito County*
- San Bernardino County
- San Diego County
- San Luis Obispo County**
- Santa Barbara County**
- Santa Clara County / Silicon Valley Clean Energy
- Santa Cruz County*
- Solano County
- Ventura County**
- Yolo County

*Monterey Bay Tri-County
**Central Coast Tri-County
Valley Clean Energy Alliance

A locally controlled (not for profit) energy provider

Mission:
Deliver cost-competitive clean electricity, product choice, price stability, energy efficiency, and greenhouse gas emission reductions.
# Yolo/Davis Key Milestones

<table>
<thead>
<tr>
<th>Year</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012/2013</td>
<td>Yolo County CCE Steering Committee explores concept</td>
</tr>
<tr>
<td>February 2015</td>
<td>Davis CCE Advisory Committee formed; includes County Rep</td>
</tr>
<tr>
<td>April/May 2015</td>
<td>Davis Public Forums; on-going outreach</td>
</tr>
<tr>
<td>June 2015</td>
<td>City Council orders Technical study; City and County authorize letter of intent to MCE</td>
</tr>
<tr>
<td>December 2015</td>
<td>Tech Study Draft Complete</td>
</tr>
<tr>
<td>February 2016</td>
<td>3rd Public Forum; Davis CCE Advisory Committee recommends formation of Davis+Yolo CCE</td>
</tr>
<tr>
<td>March 2016</td>
<td>Final Tech Study adopted; BOS and City Council adopt reso’s to move forward with joint CCE; outreach to Farm Bureau; CCE/JPA formation efforts initiated</td>
</tr>
<tr>
<td>June 2016</td>
<td>City/County budgets include $500,000 each for CCE program</td>
</tr>
<tr>
<td>December 2016</td>
<td>VCEA is formed and Board meets for first time</td>
</tr>
</tbody>
</table>
# CCE Results Thus Far

<table>
<thead>
<tr>
<th>Launch Year/ # of Customers</th>
<th>2015 Avg. Customer Rate Savings</th>
<th>Power Options (current)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2010</strong></td>
<td>2-5% below PG&amp;E</td>
<td>56% Renewable</td>
</tr>
<tr>
<td>~ 175,000 accts.</td>
<td></td>
<td>100% Renewable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100% Local Solar</td>
</tr>
<tr>
<td><strong>2014</strong></td>
<td>6-14% below PG&amp;E</td>
<td>36% Renewable</td>
</tr>
<tr>
<td>~ 200,000 accts.</td>
<td></td>
<td>100% Renewable</td>
</tr>
<tr>
<td><strong>2015</strong></td>
<td>3-4% below SCE</td>
<td>35% Renewable</td>
</tr>
<tr>
<td>~ 55,000 accts.</td>
<td></td>
<td>100% Renewable</td>
</tr>
</tbody>
</table>
# MCE – Sample Rate Structure (old)

<table>
<thead>
<tr>
<th>Example Monthly Residential Electric Charges*</th>
<th>PG&amp;E</th>
<th>MCE Light Green</th>
<th>MCE Deep Green</th>
<th>MCE Local Sol</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG&amp;E Electric Delivery (all customers)</td>
<td>$37.30</td>
<td>$37.30</td>
<td>$37.30</td>
<td>$37.30</td>
</tr>
<tr>
<td>Electric Generation (all customers)</td>
<td>$45.12</td>
<td>$37.97</td>
<td>$42.60</td>
<td>$65.75</td>
</tr>
<tr>
<td>Additional PG&amp;E Fees (MCE customers only)</td>
<td>-</td>
<td>$5.71</td>
<td>$5.71</td>
<td>$5.71</td>
</tr>
<tr>
<td><strong>Average Total Cost</strong></td>
<td><strong>$82.42</strong></td>
<td><strong>$80.98</strong></td>
<td><strong>$85.61</strong></td>
<td><strong>$108.76</strong></td>
</tr>
</tbody>
</table>

*The above comparison is based on a typical usage of 463 kWh at PG&E’s rates effective as of March 1st and MCE’s current rates for the April 2015 to March 2016 fiscal year under the Res-1/E-T rate schedule. Costs shown are an average of summer and winter rates in baseline territory X with gas heating; actual differences may vary depending on usage, rate schedule and other factors.

**Most recently verified.
Statutory & Regulatory Requirements

- Enabled by AB 117 and amended by SB 790; local ordinance required
- Permissible by cities, counties and some special districts; Public utilities and Direct Access customers exempt
- Program required to serve all residential customers; may also serve municipal, commercial and agricultural accounts
- CCE is an opt-out program and becomes default electric generation provider; minimum 4 notifications pre/post commencement of service; annual noticing thereafter
- Implementation Plan must be certified by CPUC; Also, utility service agreement, $100k Bond, CAISO deposits
- As a load serving entity, certain statutory and regulatory requirements apply (e.g. State RPS, Resource Adequacy, etc.)
- Utility cost recovery/exit fee (PCIA) paid by CCE customers
- Equitable treatment of customer classes is required
- Utility low income/CARE programs remain in place
Valley Clean Energy Alliance


Mitch Sears: msears@cityofdavis.org
### Financial & Market Risks/Mitigations

<table>
<thead>
<tr>
<th>Risk Category</th>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Imbalance; over or under</td>
<td>Low</td>
<td>Can be mitigated with prudent hedging/power planning, some degree of ‘open position’, and forward procurement activities</td>
</tr>
<tr>
<td>Customer Opt-Outs</td>
<td>Low</td>
<td>Opt-out risk is most substantial during program commencement and can be mitigated with competitive/lower rates and effective outreach</td>
</tr>
<tr>
<td>Current Power Market</td>
<td>Low</td>
<td>Current market prices are below historic averages, including some renewables. Risk of future pricing increases can be mitigated through hedging and diversified supply portfolio</td>
</tr>
<tr>
<td>Future Power Market</td>
<td>Moderate</td>
<td>Many factors influence this such as overall economy, availability of various supply types, fracking, natural gas pricing. Customer impacts can be mitigated by informed procurement early on and healthy reserves to smooth unanticipated rate spikes</td>
</tr>
<tr>
<td>City/County Exposure</td>
<td>Low</td>
<td>Could lose initial contribution and any used working capital credit if program does not launch</td>
</tr>
<tr>
<td>Financial/Credit</td>
<td>Low</td>
<td>Prudent planning and operations, healthy reserves, prudent use of debt, credit rating; developing CCA track record helps</td>
</tr>
</tbody>
</table>