



VCE Board Meeting

April 25, 2018

Woodland City Council Chambers



VALLEY
CLEAN ENERGY

Item 10 – Summary of Credit Agreement

Revolving Line of Credit (RLOC)

- Up to \$11 M RLOC
- Monthly Interest payments @ One-Month LIBOR + 1.75% per annum
- Expires in 1 year – with an option to extend for another 6 months – total 18 months

Item 10 – Summary of Credit Agreement

Conversion of RLOC

- At expiration – outstanding balance can be converted to amortizing Term Loan maturing up to 5 years

Term Loan

- Up to 60 equal monthly principal payments
- Interest at fixed rate of 3 yr. Treasury Constant Rate + 2%
- Debt service coverage ratio 1:25:1

Item 10 – Summary of Credit Agreement

Other Requirements

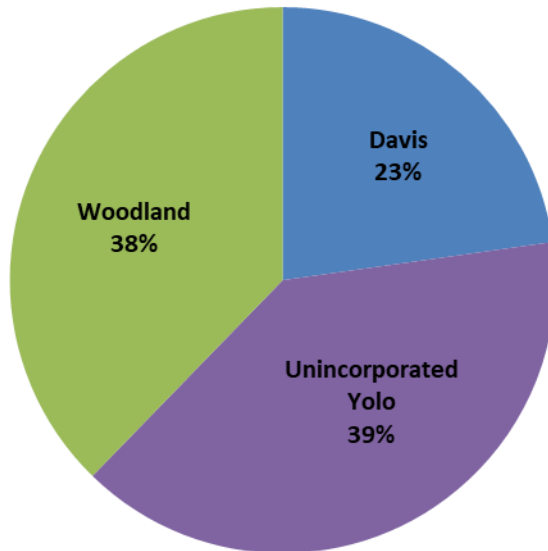
- Establish \$1.1 M Debt Service Reserve Account
- JPA member loans subordinate to Credit Agreement
- Various other loan covenants

JPA members to consider the Subordination Agreement at member agency meetings

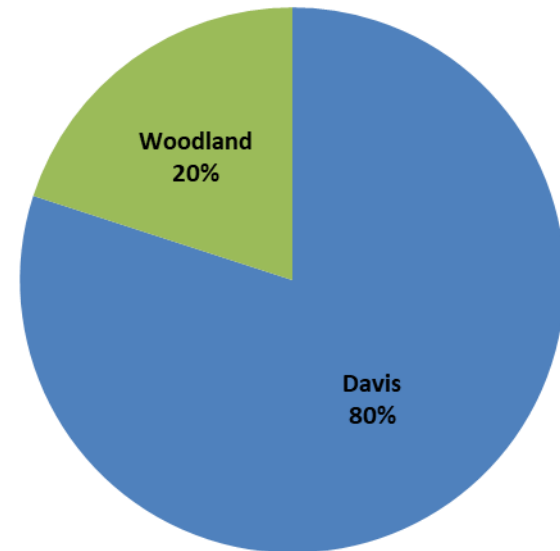
- City of Davis – April 10 (approved)
- Yolo County – April 24 (approved)
- City of Woodland – May 1

Item 11 - Enrollment Update

448 Opt Outs
0.7% of customers

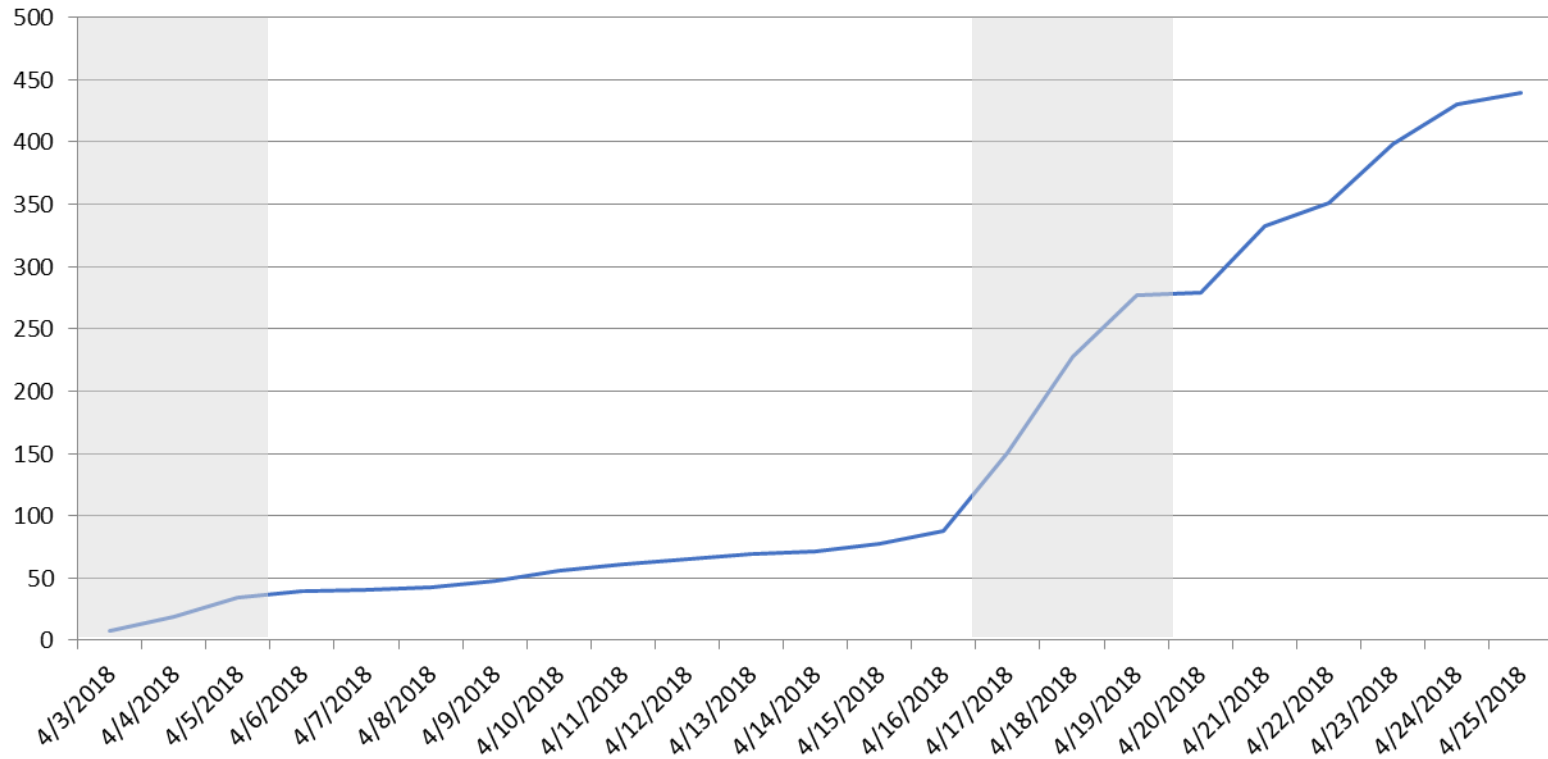


15 Opt Ups

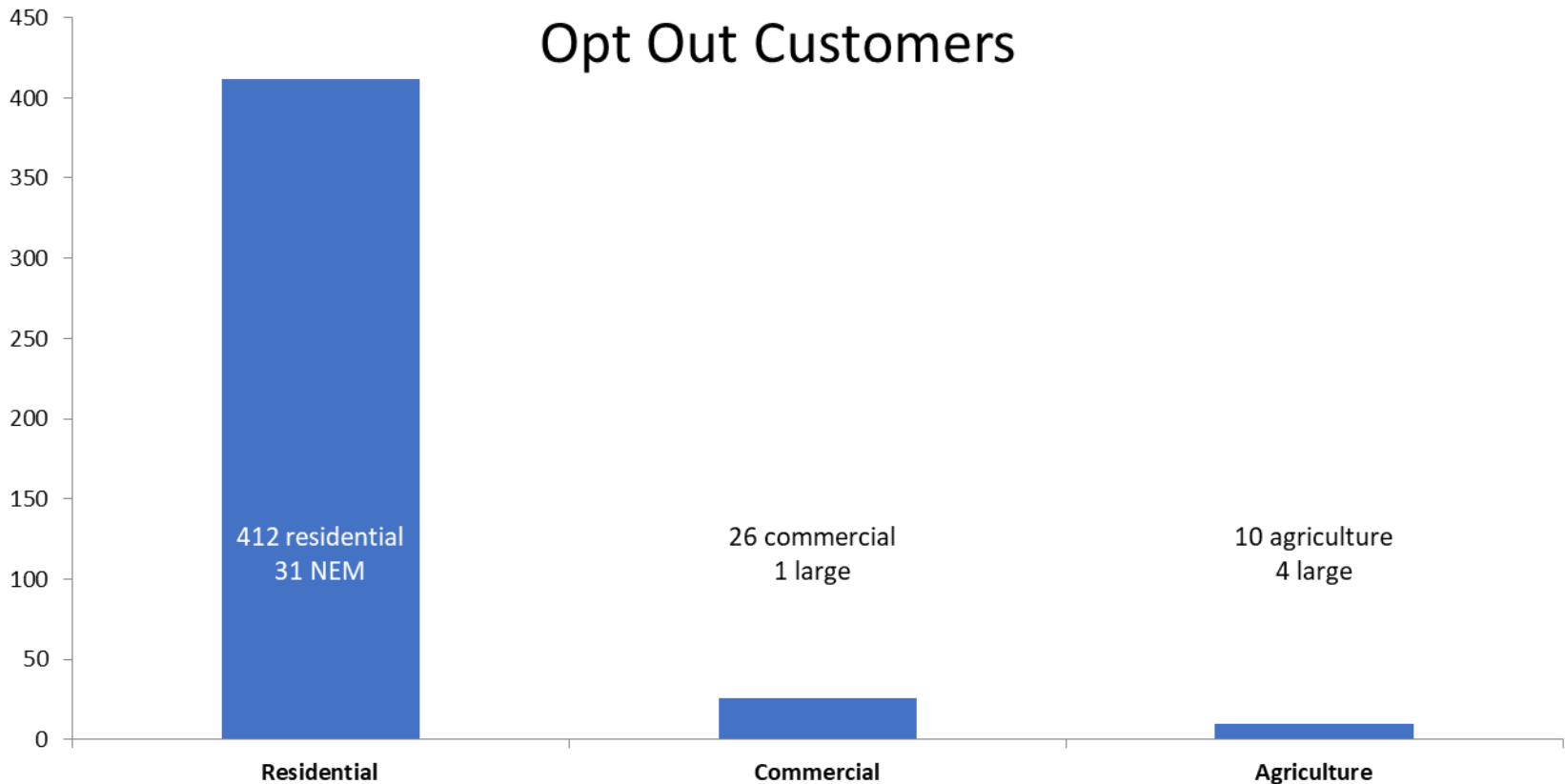


Item 11 - Enrollment Update

Cumulative Opt Outs



Item 11 - Enrollment Update

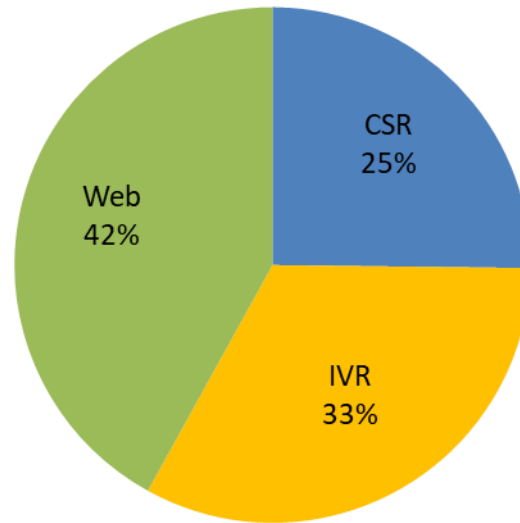


Opt Ups to UltraGreen have all been residential

Item 11 – Enrollment Update Customer Interactions

- Call Center has responded to 270 calls and 215 emails

Channels for Opt Out/Up Activity



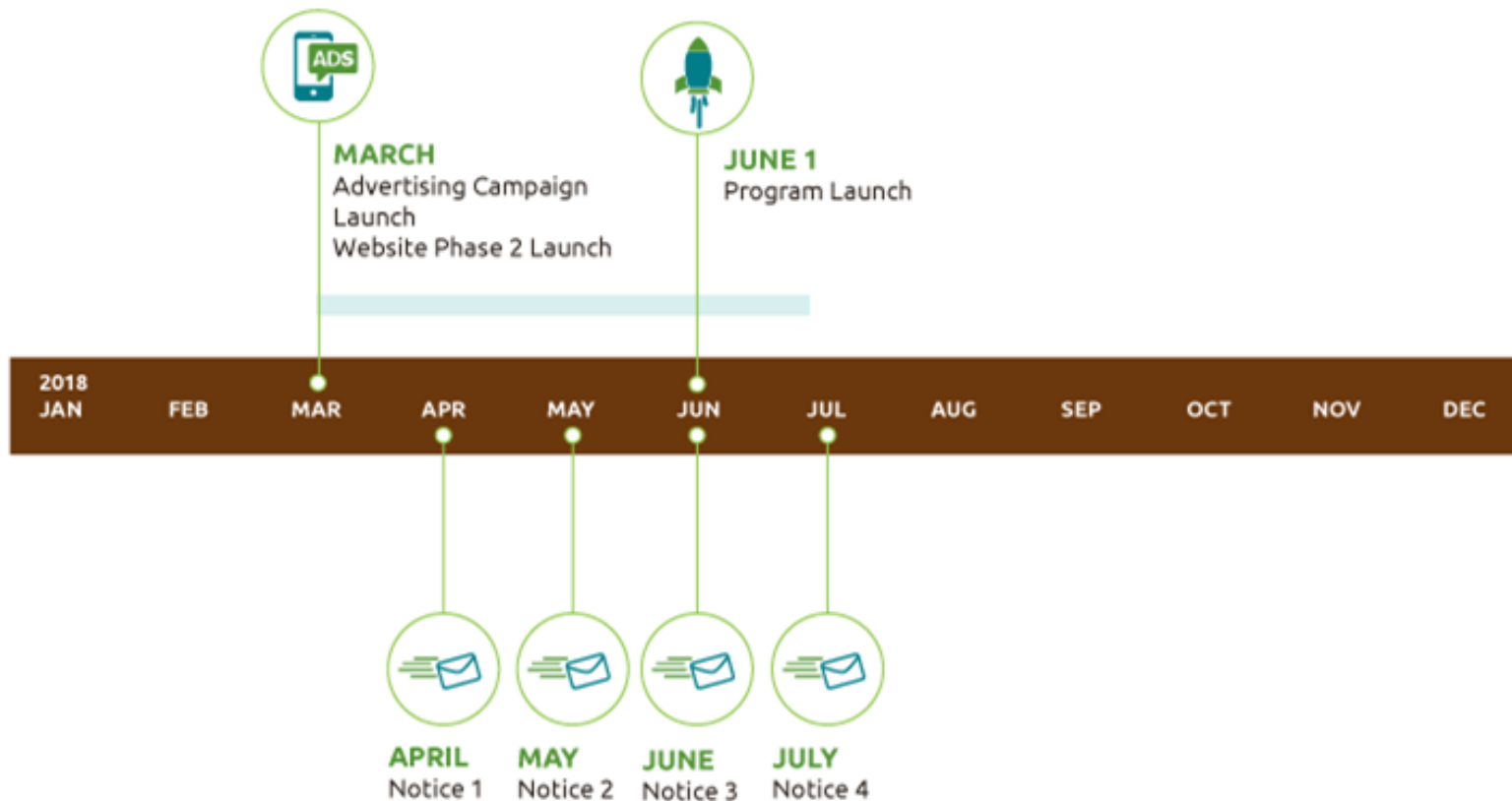


Item 11 - Program Outreach Update

April 25, 2018



Item 11- TIMELINE OF ACTIVITIES



Timeline:

- Notification 1 sent
- Notification 2 scheduled for April 25
- Ad campaign to extend through May

Item 11- UPCOMING ACTIVITIES

Materials:

- event collateral (banners, table runners)
- customer notifications (including NEM) (in progress)
- animated video (in progress)
- business cards
- Updates to website

Outreach:

- letter to Farm Bureau Members
- press release sent
- continue presentations to local jurisdictions and community groups
- e-newsletter (in progress)
- Celebrate Davis
- Woodland Honey Festival

Item 11- NEM OUTREACH

Materials:

- Notices in development (4 total)
- Website updates in development

Outreach:

- Monthly notifications starting next month to be sent according to customer True-up anniversary
- Notifications to be sent throughout next 12 months

| NEM Notices | Mailing Month | | | | | | | | | | | | | | | |
|---------------|---------------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|------|------|
| | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July |
| True-up Month | | | | | | | | | | | | | | | | |
| July | | 1 | 2 | 3 | 4 | | | | | | | | | | | |
| August | | | 1 | 2 | 3 | 4 | | | | | | | | | | |
| September | | | | 1 | 2 | 3 | 4 | | | | | | | | | |
| October | | | | | 1 | 2 | 3 | 4 | | | | | | | | |
| November | | | | | | 1 | 2 | 3 | 4 | | | | | | | |
| December | | | | | | | 1 | 2 | 3 | 4 | | | | | | |
| January | | | | | | | | 1 | 2 | 3 | 4 | | | | | |
| February | | | | | | | | | 1 | 2 | 3 | 4 | | | | |
| March | | | | | | | | | | 1 | 2 | 3 | 4 | | | |
| April | | | | | | | | | | | 1 | 2 | 3 | 4 | | |
| May | | | | | | | | | | | | 1 | 2 | 3 | 4 | |
| June | | | | | | | | | | | | | 1 | 2 | 3 | 4 |

Item 11- AD CAMPAIGN

In Progress:

- Digital (Facebook, Google Adwords, Spanish-language sites)
- Outdoor (Yolobus)
- Print/online (Sac News & Review, Davis Vanguard, Davis Enterprise, Daily Democrat, Valley Voice)
- Woodland and Davis Chamber of Commerce memberships
- Sponsorship of Yolo County Fair, Farm Bureau, Honey Festival, Celebrate Davis

Item 11- AD CAMPAIGN



☰ **La Opinión** ▲ INGRESAR
SUSCRIBETE



Activistas rechazan cartas de representación legal a indocumentados en riesgo de deportación causan controversia



La nueva estrategia de los supremacistas blancos: carteles sobre autopistas



Ciudad de Los Alamitos podría desafiar a California sobre la Ley de Estado Santuario

4 – Friday, March 30, 2018

Woodland Chamber of Commerce • Chamber Insider



New Members

Yolo County CASA
(Court Appointed Special Advocates)
724 Main Street, Suite 101
Woodland, CA 95695
Phone: (530) 661-4200
www.yolocasa.org

Yolo County CASA exists to advocate for abused and neglected children in the foster system ensuring their voices are heard through our CASA volunteers. Our vision is to champion for the best interest of EVERY foster child in Yolo County through our goal of providing them all with a CASA volunteer.

Valley Clean Energy
23 Russell Blvd
Davis, CA 95616
Phone: (530) 757-5610
www.valleycleanenergy.org

Valley Clean Energy is the official electricity provider of residents and businesses in Woodland, Davis, and unincorporated areas of Yolo County. Our service begins in the Summer of 2018. We will offer residents and businesses cleaner energy at competitive rates, but most importantly, a choice in the electric utility market.

Meet Enid Williams of Woodland Stroll Through History, our featured Ambassador



The Woodland Chamber of Commerce is pleased to announce Enid from the Stroll Through History was chosen as our featured Ambassador. Enid has been a volunteer Ambassador for the Chamber for what seems like forever. She resides in Woodland, but spends her summer in Downieville. Her daughter Sue, with her husband Brett and two daughters also reside

in Woodland. Her son Gordy, with his wife Lynn and three daughters... California natives... now reside in Richmond, Virginia (a nice place to visit). Enid is a retired teacher with experience from preschool through high school, including special education classes, and court school and now a current member of the Yolo County Grand Jury. In addition to her Chamber volunteer work she also volunteers at the Community Center Thrift Shop, the Woodland Elks Bingo night and the historic Spring Lake School which provides an 1890 like experience for visiting third graders as another cherished volunteer experience.

Another long time vocation as a bridal consultant led to the establishment of the annual Spring Bridal Fair. With her business partner Doris Warden, she pioneered this showcasing of local businesses. About 30 local vendors would join together for a beautiful day of fashion, food, flowers and more. **What is your role at the Stroll?** I am the current vice-chair. We work all year long on this one day a year event celebrating our Woodland Heritage, emphasis on historic architecture.

Why did you choose to become an Ambassador for the Woodland Chamber? Because this is a group of engaged, lively, thoughtful, energetic people!

What do you find most rewarding about being an Ambassador? Getting to know people involved in doing things for OUR community. **What is one thing that most people don't know about you?** I was on national TV, and have been inside the White House twice.

What will be the title of your autobiography? IF ONLY THEY KNEW THE REAL STORY

How long have you been with the Stroll Through History? Many wonderful years. **What's your favorite hobby?** Talking to people and wine tasting.

☰ **La Opinión** ▲ INGRESAR
SUSCRIBETE



Modelo mostró mensaje de "coqueteo" que le mandó Trump Jr.

Apoya la creación de contenido local y de importancia para la comunidad.
Suscríbete por sólo 75¢ y navega SIN publicidad.



Conductores que deben muchas pueden eliminar la cancelación de su licencia



Van contra los que abusan estacionamientos para personas discapacitadas




VALLEY CLEAN ENERGY
EL PODER DE ELEGIR
APRENDE MAS

Modelo mostró mensaje de "coqueteo" que le mandó

Item 11- AD CAMPAIGN

 **Valley Clean Energy**
Written by Kirk Nelson [?] · March 9 at 5:28pm · 

[Like Page](#) 

Our community, our power, our choice



Valley Clean Energy

Starting in June, residents and businesses in Davis, Woodland, and Yolo County will have a cleaner, greener, choice in electricity at competitive rates.

VALLEYCLEANENERGY.ORG

[Learn More](#)

 **Valley Clean Energy**
Written by Kirk Nelson [?] · March 9 at 5:32pm · 

[Like Page](#) 

Nuestra comunidad. Nuestro poder de elegir

Our community. Our power to choose

 Hide original · [Rate this translation](#)



Valley Clean Energy

A partir de junio, los residentes y las empresas de Davis, Woodland y el condado de Yolo tendrán una opción de electricidad más limpia y ecológica a precios competitivos.

VALLEYCLEANENERGY.ORG

[Learn More](#)

Item 11- COMMUNITY PRESENTATIONS

Over 100 presentations, 30+ different organizations



CSAs:

- El Macero
- Willowbank
- North Davis Meadows
- Wild Wings



Others:

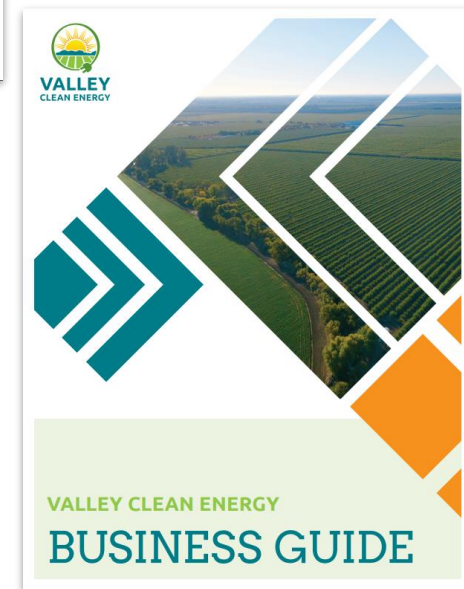
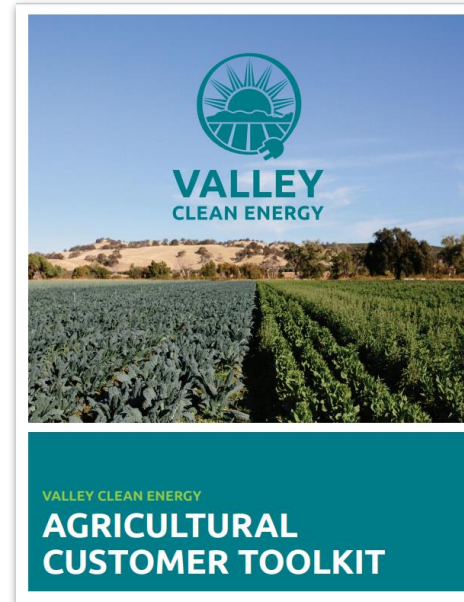
- Woodland Downtown Collaboration
- Capay Valley Citizens Advisory committee



Item 11- VCE AG/BUSINESS GUIDES & GENERAL BROCHURE

Provides clear, accurate, and easily accessible program information

- Deliver clear and easily accessible program information for relevant audiences
- Provides clear and concise information regarding electricity rates
- Part of overall targeted outreach strategy



Item 11- SOCIAL MEDIA

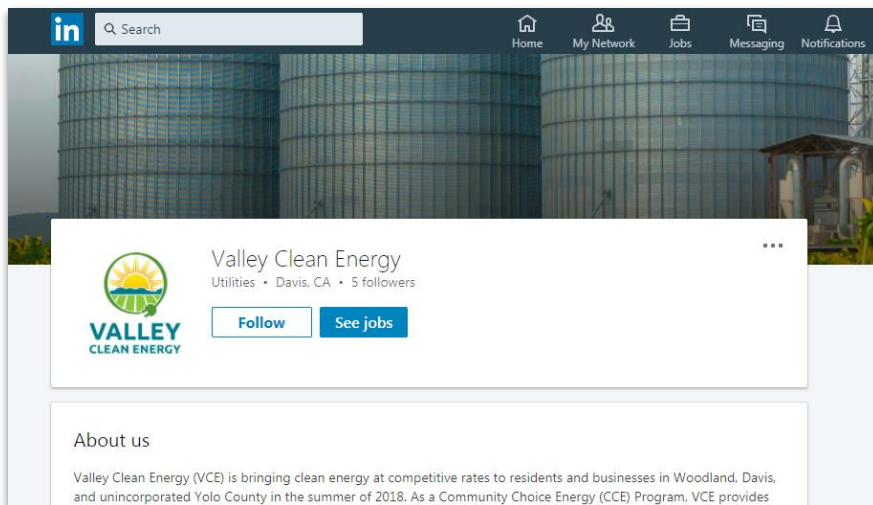
Strengthen brand awareness



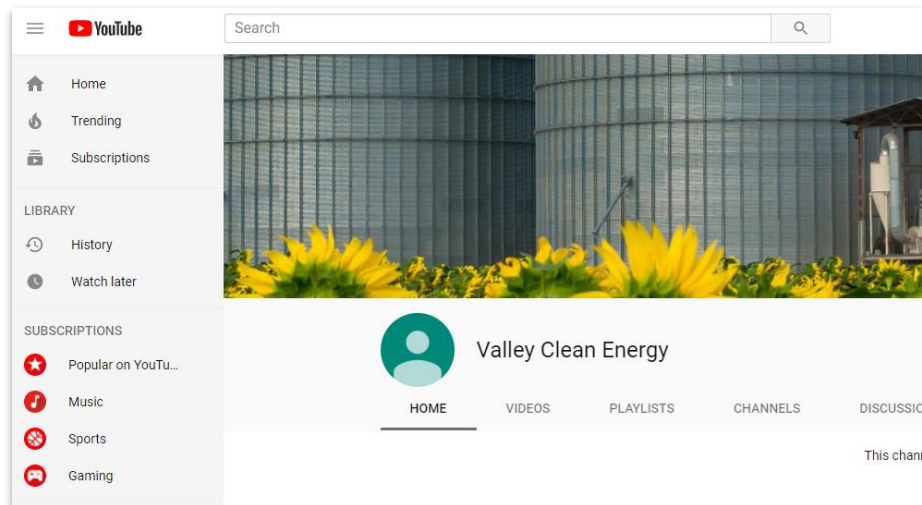
The image shows a Facebook profile page for Valley Clean Energy. The header features the Facebook logo and a search bar. The profile picture is a landscape with solar panels in the foreground and a field in the background. The cover photo is a large image of solar panels. The profile name is "Valley Clean Energy" with the handle "@valleycleanenergy". The bio states: "Public & Government Service in Davis, California". A recent post from Valley Clean Energy reads: "The CPUC has officially certified VCE's Implementation plan! This plan sets the basis for the design of the program and is a legal requirement for all CCEs. VCE is one step closer to delivering cleaner, greener energy to Davis, Woodland, and unincorporated Yolo County! #valleyclean2018". The post has 150 likes and 153 people follow this page.



The image shows a Twitter profile page for Valley Clean Energy. The header features the Twitter logo and a search bar. The profile picture is a circular logo with a sun and a leaf. The cover photo is a large image of solar panels. The profile name is "Valley Clean Energy" with the handle "@VCEnergy". The bio states: "The official electricity provider of residents and businesses in Woodland, Davis, & unincorporated areas of Yolo County. Service begins summer 2018." A recent tweet from Valley Clean Energy reads: "The CPUC has officially certified VCE's Implementation plan - a legal requirement and a huge milestone for the program. #valleyclean2018". The tweet has 36 retweets, 10 replies, 11 followers, and 14 likes.



The image shows a LinkedIn profile page for Valley Clean Energy. The header features the LinkedIn logo and a search bar. The profile picture is a landscape with solar panels in the foreground and a field in the background. The cover photo is a large image of solar panels. The profile name is "Valley Clean Energy" with the handle "Valley Clean Energy". The bio states: "Utilities • Davis, CA • 5 followers". A recent post from Valley Clean Energy reads: "The CPUC has officially certified VCE's Implementation plan! This plan sets the basis for the design of the program and is a legal requirement for all CCEs. VCE is one step closer to delivering cleaner, greener energy to Davis, Woodland, and unincorporated Yolo County! #valleyclean2018". The post has 150 likes and 153 people follow this page.



The image shows a YouTube channel page for Valley Clean Energy. The header features the YouTube logo and a search bar. The profile picture is a circular logo with a sun and a leaf. The cover photo is a large image of solar panels. The channel name is "Valley Clean Energy". The bio states: "The official electricity provider of residents and businesses in Woodland, Davis, & unincorporated areas of Yolo County. Service begins summer 2018." The channel has 5 subscribers. A recent video from Valley Clean Energy reads: "The CPUC has officially certified VCE's Implementation plan - a legal requirement and a huge milestone for the program. #valleyclean2018".

Item 11- GENERAL RESPONSE/ FEEDBACK

Press:

- Daily Democrat write-up
- Media monitoring

Social Media:

- Response to ads
- Nextdoor conversations

Additional presentations:

- Fielding requests



ValleyCleanEnergy.org



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Item 12 - Integrated Resource Plan April 26 Workshop Agenda Review

Integrated Resource Plan Workshop

Thursday, April 26

6:00 – 9:00pm

Woodland Senior & Community Center

2001 East Street, Woodland

Item 12 - Proposed IRP Work Session Agenda

| | Time (min) |
|--|------------|
| 1 Agenda overview and meeting objective | 10 |
| 2 IRP overview, timelines and requirements | 10 |
| 3 Load forecasts and proposed approach | 15 |
| a Electric demand forecasts | |
| b Energy Efficiency and Demand Response/Demand Management | |
| 4 Resource Needs | 10 |
| a Energy | |
| b Capacity | |
| c RPS and GHG | |
| 5 Resource Options and Costs. Gas + Batteries + Wind and Solar+ local resources – availability, deliverability, and costs | 30 |
| 6 Market Price Expectations | 15 |
| 7 CPUC Compliant Portfolio - Example | 10 |
| 8 VCEA's long term vision and initial plan for long term energy supply and programs | 50 |
| 9 Next Steps – preliminary recommendations for the resource plan for consideration by VCEA Management, Board and General Public | 30 |
| | 180 |



Item 13 - Local Renewables

Information – Review of issues related to local renewable power supply

Item 13 - Local Renewables

What We'll Cover

- Small Hydro – Existing and Potential New
- All Area Renewable Resources – Existing and Potential
- What it Means to Be Local

Item 13 - Local Renewables

Small Hydro - Existing

- Existing small hydro resources in the region surrounding and including Yolo county, as identified by the California Energy Commission (CEC)

Number and Capacity of Nearby RPS Eligible Wholesale Facilities On-Line as of November 1, 2017

| County | Small Hydro | | | | | | | | | |
|--------------|-------------|-----------|--|--|--|--|--|--|--|--|
| | # | MW | | | | | | | | |
| Yolo | 1 | 12 | | | | | | | | |
| Lake | 2 | 6 | | | | | | | | |
| Colusa | | | | | | | | | | |
| Sutter | | | | | | | | | | |
| Sacramento | 1 | 14 | | | | | | | | |
| Solano | | | | | | | | | | |
| Napa | | | | | | | | | | |
| Sonoma | 1 | 3 | | | | | | | | |
| Total | 5 | 35 | | | | | | | | |

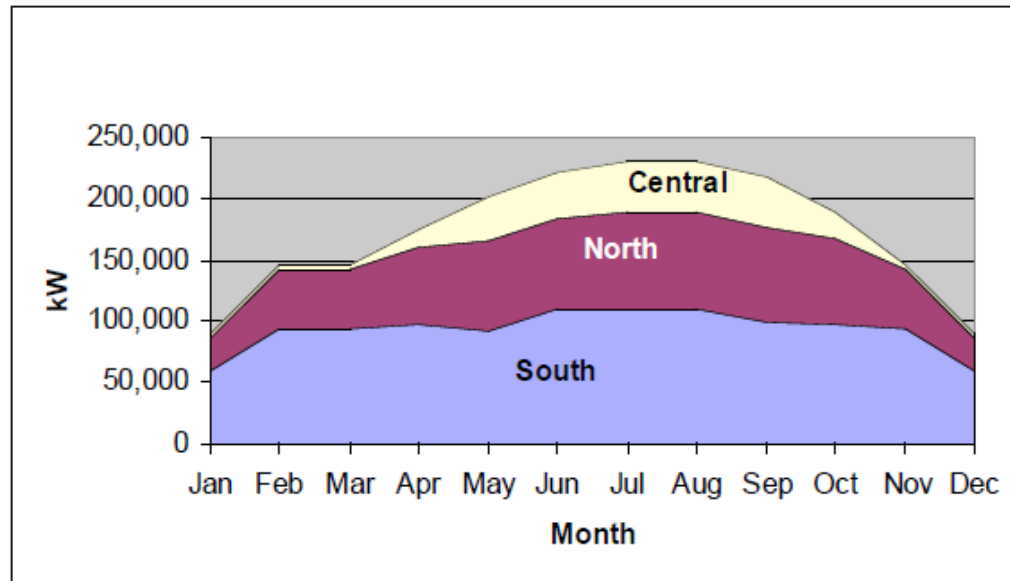
Source: California Energy Commission Renewable Energy Tracking Progress, December 2017

Item 13 - Local Renewables

Small Hydro – Potential New

- CEC issued a report in 2006 about potential new small hydro.
- The capacity of renewable small hydro resources must not exceed 30 MW
- New small hydro must be on existing water conveyances/ conduits (no new diversions).

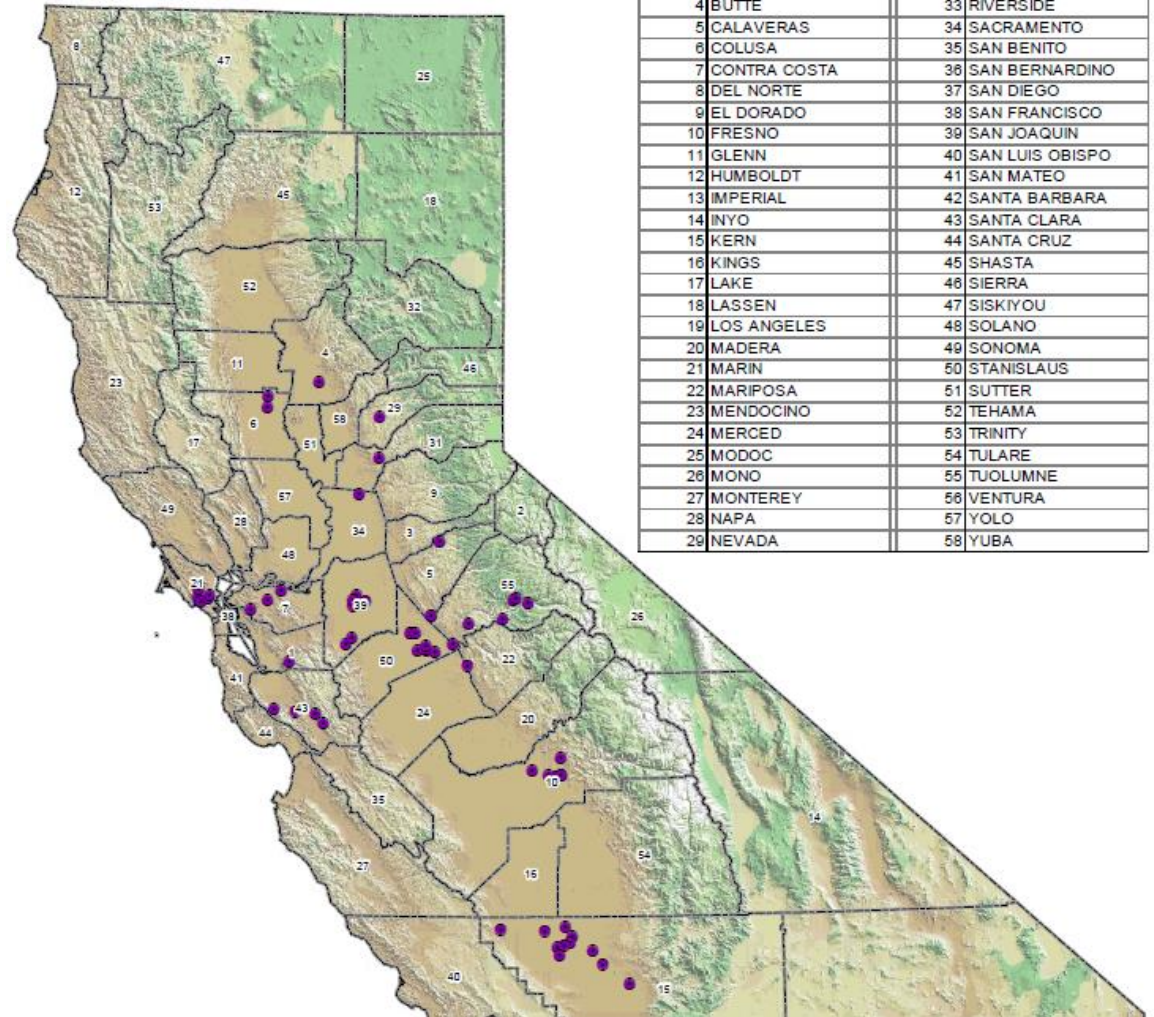
CEC Chart of New Potential Small Hydro by Region



Item 13 - Local Renewables

Small Hydro – Potential New

- No potential for new small hydro identified w/in Yolo County



Item 13 - Local Renewables

Existing Area Renewable Resources

- Within 20 miles of Yolo County's southeastern boarder is the Montezuma Hills Wind Resource Area.
 - Near Rio Vista
 - 1,035 MW installed wind capacity
- Within 25 miles of Yolo County's northwestern border is the Geysers Geothermal Resource Area.
 - Largest dry steam geothermal field in the world
 - 1,634 MW installed geothermal capacity

Item 13 - Local Renewables

Existing Area Renewable Resources

- Existing renewable resources in the region surrounding and including Yolo county

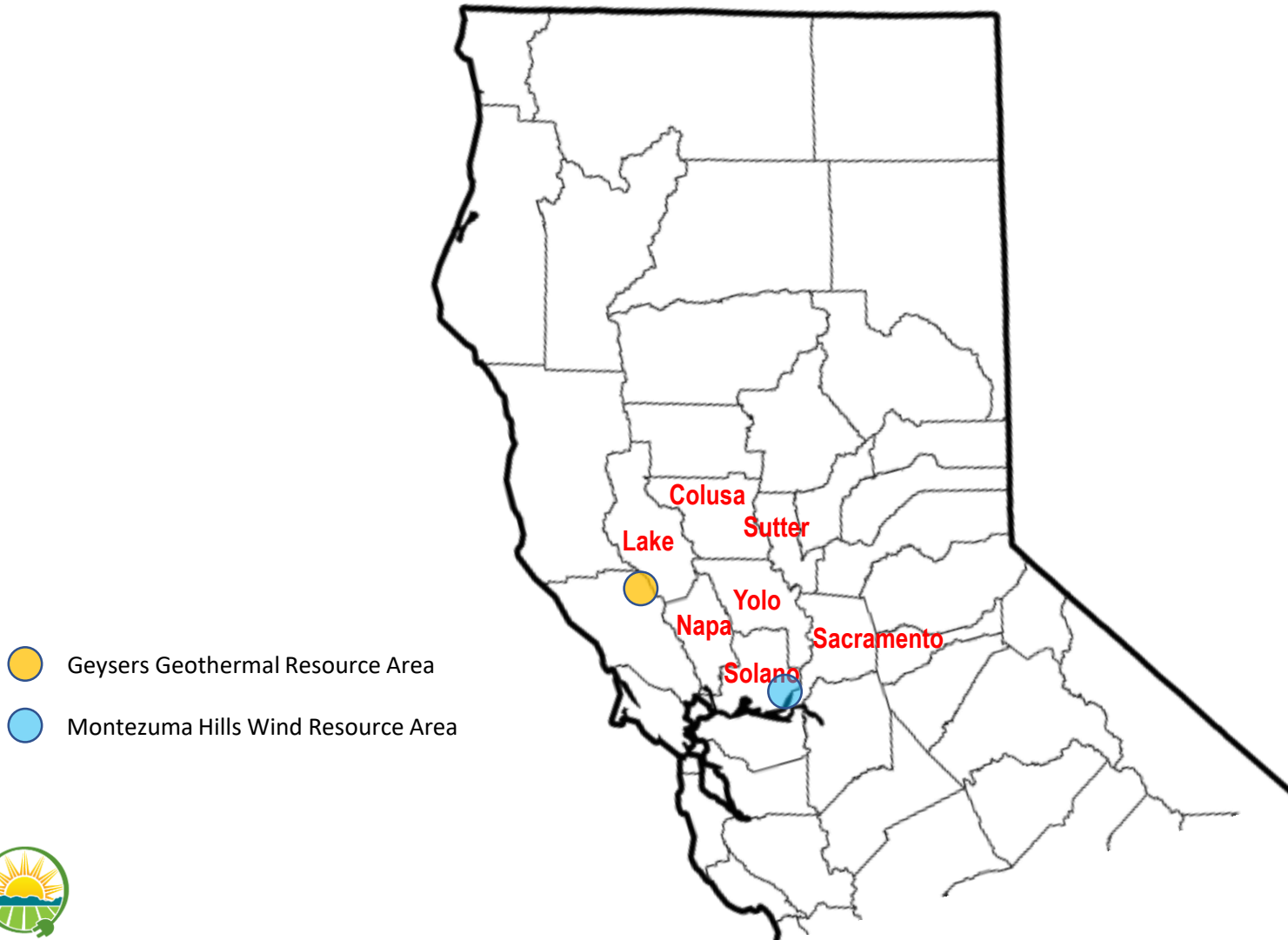
Number and Capacity of Nearby RPS Eligible Wholesale Facilities On-Line as of November 1, 2017



| County | Biomass | | Geothermal | | Small Hydro | | Solar PV | | Wind | | Total | |
|--------------|-----------|-----------|------------|--------------|-------------|-----------|-----------|------------|-----------|--------------|------------|--------------|
| | # | MW | # | MW | # | MW | # | MW | # | MW | # | MW |
| Yolo | 2 | 31 | | | 1 | 12 | 7 | 10 | 1 | 1 | 11 | 54 |
| Lake | | | 5 | 396 | 2 | 6 | 3 | 3 | | | 10 | 405 |
| Colusa | 1 | 29 | | | | | | | | | 1 | 29 |
| Sutter | | | | | | | 4 | 4 | | | 4 | 4 |
| Sacramento | 1 | 9 | | | 1 | 14 | 38 | 133 | | | 40 | 156 |
| Solano | 2 | 10 | | | | | | | 13 | 1,035 | 15 | 1,045 |
| Napa | 1 | 1 | | | | | 2 | 2 | | | 3 | 3 |
| Sonoma | 3 | 8 | 12 | 1238 | 1 | 3 | 12 | 14 | | | 28 | 1,263 |
| Total | 10 | 88 | 17 | 1,634 | 5 | 35 | 66 | 166 | 14 | 1,036 | 112 | 2,959 |

Source: California Energy Commission Renewable Energy Tracking Progress, December 2017

Item 13 - Local Renewables

Existing Area Renewable Resources



-  Geysers Geothermal Resource Area
-  Montezuma Hills Wind Resource Area

Item 13 - Local Renewables

Estimates of Potential for Area Renewable Resources

- DavisFREE study estimated PV potential on city of Davis preferred land parcels of 154 – 178 MWs (\approx 300 GWhs/year of energy production).
- CPUC estimates of new renewable potential:

| County | Biomass MW | Geothermal MW | Small Hydro MW | Solar PV MW | Wind MW | Total MW |
|------------|---------------|------------------|-------------------|----------------|------------|-------------|
| Yolo | 2 | | | 962 | 947 | 964 |
| Lake | 28 | | | 429 | 47 | 504 |
| Colusa | 28 | | | 1546 | 432 | 2,006 |
| Sutter | | | | 1346 | 320 | 1,666 |
| Sacramento | 40 | | | 941 | 39 | 1,020 |
| Solano | 1 | | | 659 | | 660 |
| Napa | 2 | | | 433 | | 435 |
| Sonoma | 49 | 135 | | 780 | 231 | 1,195 |
| Total | 150 | 135 | 0 | 7,096 | 1,069 | 8,450 |

Source: California Public Utilities Commission, Integrated Resource Planning Process, RPS Calculator, v62

Item 13 - Local Renewables

Possible Definitions of “Local Renewables”

- Option 1. Projects only within Yolo County
- Option 2 . Projects only having a nexus to Yolo county/VCEA. For example:
 - Projects sited within Yolo County/VCEA service area
 - Williams biomass – Rice processing operations in Yolo County send agricultural waste to plant for its fuel supply.
 - Indian Valley Hydro Project – owned by a public agency within Yolo county
 - A VCEA customer has a project not located in Yolo County
- Option 3. Define a geographic boundary beyond and including Yolo county

Item 15 - General Manager's Report



ValleyCleanEnergy.org



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