

VALLEY CLEAN ENERGY ALLIANCE**Staff Report - Item 12**

TO: Board of Directors

FROM: Mitch Sears, Executive Officer
Rebecca Boyles, Director of Customer Care and Marketing

SUBJECT: SACOG Grant - Electrify Yolo Update

DATE: April 14, 2022

REQUESTED ACTION

Informational item. The purpose of this report is to give an update on the status of the Electrify Yolo (SACOG grant) project.

BACKGROUND

In December 2018, the Sacramento Area Council of Governments (SACOG) authorized the award of a Green Region grant in the amount of \$2,912,000, representing the regional “Electrify Yolo” project, with the purpose of installing publicly accessible electric vehicle (EV) charging stations. Originally, only VCE and the City of Davis were involved, and Woodland, Winters and unincorporated Yolo County joined the project prior to submitting the grant application in August 2018. The City of Davis distributed funds to each entity once the Memoranda of Understanding (MOUs) were approved by each jurisdiction. All projects are to be finished by December 31, 2023.

UPDATE

As shown in the attached progress reports each jurisdiction is making progress toward meeting its obligations under the grant. All MOUs were signed (Davis, VCE/Winters, Woodland, unincorporated Yolo County) as of April 2021, and some EV charger installation projects have begun, and some are finished. Staff does note that EV charger installations have been subject to some delays including impacts from the COVID-19 pandemic and staffing shortages.

VCE Staff is working with each jurisdiction to design banners to be hung at each charging station with logos of all project partners, as well as permanent aluminum signs. Temporary banners will inform members of the public that there will be EV chargers coming soon in that location and aim to increase the public’s brand association with VCE and electric vehicles. Banners have been hung in Winters at the Community Center charging stations, as well as a permanent aluminum sign.

ATTACHMENTS:

1. **VCE SACOG Progress Report Davis – April 2022**
2. **VCE SACOG Progress Report Winters - April 2022**
3. **VCE SACOG Progress Report Yolo - April 2022**
4. **VCE SACOG Progress Report Woodland – April 2022**

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PROGRESS REPORT – CITY OF DAVIS

1. Project Summary

The City of Davis was apportioned \$1,912,000 of the total award (\$2,912,000) to perform the following:

- *Site, design, permit, construct and install Level 2 Chargers in the project area (3 minimum)*
- *Site, design, permit, construct and install DC Fast Chargers (Level 3) in downtown area within ½ to 5 miles of major freeway corridors (2 minimum)*
- *Purchase Mobile Chargers of the type similar to ‘EV ARC’ solar standalone charging stations (2 minimum)*
- *Purchase or lease electric vehicle(s) to transport 8 or more people (one minimum)*

In discussion of the project, the City has divided the effort into “Phase 1” - the minimum action needed to meet the requirements of the grant award, and “Phase 2” for funds that may remain after the minimums are met, to determine locations for installations based on the siting criteria discussed and approved during “Phase 1” efforts.

2. Project Manager

Stan Gryzcko, Director, Public Works Utilities and Operations

3. Site (s) Description

Internal review and discussions have been ongoing around locations and recommend that were presented to the City’s Natural Resources Commission, however locations have not been formally approved. Further discussions and review have also modified the recommendations for the suggested locations:

Location	Existing	Original Recommendation	Revised Recommendation
City Hall	Two dumb pedestal mount Clipper Creek	Two smart dual-port Level 2 stations and one DCFC	Because this site is getting an entire electrical upgrade, including a back-up generator, installing charging stations will be very low cost. You could put four dual-port stations here.
4 th & G Garage	Two dumb pedestal mount Clipper Creek	Two smart dual-port Level 2 stations (wall mount)	No change
E Street Parking Lot	Two dumb pedestal mount Clipper Creek	Two smart dual-port Level 2 stations or one quad-port station	One smart dual-port Level 2. Conduit won’t support additional wires.

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PROGRESS REPORT – CITY OF DAVIS

Amtrak	Two dumb pedestal mount charging stations	One dual-port DCFC	Two wall-mount dual port Level 2
Olive Drive	Configured for a DCFC	One dual-port DCFC, potentially a high-speed 150kW charger	One dual port DCFC, but in a different location.

4. Site information (Maps, Pictures, Etc.)
N/A at this time

5. Description of any material planned changes to the Project.
N/A at this time - of note the position originally assigned to manage this project remains vacant, however interviews should begin shortly.

6. Table schedule showing progress on achieving each of the Milestones
See below.

7. Summary of activities during the previous calendar quarter or month.
Staff continue to work with the consultant to finalize the lifecycle cost analysis, and review each suggested location in detail. With the site review, modifications were made to the original recommendations on installation that have been reviewed by staff. Billing data from PG&E was finally obtained (after some significant delays) so project work on this phase is nearly complete.

8. Forecast of activities scheduled for the current calendar quarter
Once the City has the final lifecycle cost analysis and recommendations on the installation and management of chargers, staff will return to the Natural Resources Commission with the recommended locations & methods of installation/management, and answers to the Commission questions from November 2021. Discussion from the NRC, along with any support or alternative suggestions then be presented to City Council to begin the implementation portion of the Phase 1 project, with an outline of the recommended process for Phase 2.

9. Written descriptions about the progress relative to Milestones, including whether the milestone has been met or is on target to meet the Milestones
For the purposes of this report, we will not include milestones, other than the first milestone of completing the feasibility study. Once the City has made a determination on how best to move forward with installation/purchase of the required chargers/vehicle, additional milestones will be added to show progress towards those actions.

10. List of issues that are reasonably likely to affect Milestones

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PROGRESS REPORT – CITY OF DAVIS

We continue to have a shortage of staffing resources with current vacancies. Depending on the outcome of upcoming recruitments, we may require additional resourcing to keep the project moving forward.

11. A status report of activities, including a forecast of ongoing activities, information on project performance, and projections for the next twelve (12) months.
In the next year, staff expects completion of the site location report, construction of Phase I installations, completion of Phase II siting (which is partially encompassed in the site location report for Phase I), and prep for construction of Phase II installations.
12. Progress and schedule of all material agreements, contracts, permits, approvals, technical studies, financing agreements, and purchase orders showing the start dates, completion dates, and completion percentages.
For the purposes of this portion of the effort, we have a contract with our consultant to complete this Phase 1 study. There are no other responsive documents to this request at this time.
13. Pictures, in sufficient quantity and of appropriate detail, document the Project's progress.
N/A
14. Workforce Development or Supplier Diversity Reporting (if applicable)
N/A
15. Any other documentation to be included for Board Update

Dashboard

Site Selection	Contract Award	Permits	Installation	Testing	Go Live
N/A					

DASHBOARD KEY

Completed	IN PROGRESS	DELAYED	ON HOLD
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TABLE 1

Milestone Description	Status	% Completion	Estimated Completion Date	Notes

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PROGRESS REPORT – CITY OF DAVIS

Feasibility Report and Lifecycle Cost Analysis	Initial draft reviewed by Natural Resources Commission, internal work continues, City awaiting final report draft	80%		
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LINKED: **Natural Resources Commission Meeting Documents**

- [Staff Report](#)

- [Frontier Energy Draft Report](#)



1. Project Summary - **Install car charging stations at Community Center and City parking lot.**
2. Project Manager – **Eric Lucero**
3. Site (s) Description – **Winter Community Center and city parking lot at First and Abbey.**
4. Site information (Maps, Pictures, Etc.) **Attached**
5. Description of any material planned changes to the Project. - **None**
6. Table schedule showing progress on achieving each of the Milestones. – **See below**
7. Summary of activities during the previous calendar quarter or month. - **No activities this quarter**
8. Forecast of activities scheduled for the current calendar quarter. - **No activities planned**
9. Written descriptions about the progress relative to Milestones, including whether the milestone has been met or is on target to meet the Milestones
10. List of issues that are reasonably likely to affect Milestones. – **PG&E Rule 20A utility project**
11. A status report of activities, including a forecast of ongoing activities, information on project performance, and projections for the next twelve (12) months. **Attached**
12. Progress and schedule of all material agreements, contracts, permits, approvals, technical studies, financing agreements, and purchase orders showing the start dates, completion dates, and completion percentages. **Attached**

Dashboard

Site Selection	Contract Award	Permits	Installation	Testing	Go Live
Completed	Completed	Completed	In Progress	50%	50%

TABLE 1

Milestone Description	Status	% Completion	Estimated Completion Date	Notes
Community Center charging stations are complete and in operation	Complete	100%	9-23-2021	Chargers have been in operation since September
First & Abbey Street charging stations are on hold waiting for	On Hold	10%	7-21-2022	Chargers and materials have been purchased

318 First Street
Winters, CA 95694
Phone.530.795.4910
Fax. 530.795.4935

COUNCIL MEMBERS

Harold Anderson
Jesse Loren
Pierre Neu

MAYOR

Wade Cowan

MAYOR PRO TEM

Bill Biasi

CITY CLERK

Ashley Bussart

CITY TREASURER

Shelly Gunby

CITY MANAGER

Kathleen Salguero Trepas



PG&E Rule 20A project to underground power.				
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Overview of Charger Locations



Winters Community Center Operational Chargers with permanent aluminum sign and temporary banner

318 First Street
 Winters, CA 95694
 Phone.530.795.4910
 Fax. 530.795.4935

COUNCIL MEMBERS
 Harold Anderson
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 Bill Biasi

CITY CLERK
 Ashley Bussart
CITY TREASURER
 Shelly Gunby

CITY MANAGER
 Kathleen Salguero Trepas



Photo of 1st & Abbey Parking Lot Charger Locations

318 First Street
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Phone.530.795.4910
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CITY MANAGER

Kathleen Salguero Tropa

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PROGRESS REPORT – YOLO COUNTY APRIL 2022

1. Project Summary
Install EV charging stations throughout Yolo County that are accessible to the public
2. Project Manager
Mike Martinez, IT & Projects Manager, County Of Yolo General Services Department
3. Site (s) Description
Various County owned properties in the cities of Woodland, Davis, and Winters
 - Site 1: 137 N Cottonwood St, Woodland, California 95695 Bauer Building 2-Dual Charging Stations
 - Site 2: 25 N. Cottonwood Street Woodland, CA 95695 Gonzalez Building 2-Dual Charging Stations
 - Site 3: 315 E 14th St, Davis, CA 95616 Mary L. Stephens Davis Branch Library 1-Dual Charging Station
4. Summary of activities during the previous calendar quarter or month.
 - Design site walks for Bauer Building, Gonzalez Building, and Davis Branch Library Core Design Team completed on Tuesday, March 15th
 - Design team turn around plans in 4-6 weeks.
 - Meeting with Winters Joint Unified in late March to discuss plans and discuss any questions or concerns.
 - Scheduling pre-permit meeting to discuss process and answer any questions from our contracted vendor.
 - All EV charging equipment for Bauer Building, Gonzalez Building, and Davis Branch Library has been procured and delivered.
 - Scheduled follow-up conversation for 600A site. Met with contractor in March.
5. Forecast of activities scheduled for the current calendar quarter
 - Start conversation with Contractor and Department of Community Services for permitting
 - Follow-up on 600A and Winters Community Library site
6. List of issues that are reasonably likely to affect Milestones
Design and permitting issues may cause delays

Dashboard

Site Selection	Contract Award	Permits	Installation	Testing	Go Live
Completed	Completed – for 3 sites	IN PROGRESS			

DASHBOARD KEY

Completed	IN PROGRESS	DELAYED	ON HOLD
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VALLEY CLEAN ENERGY

SACOG GRANT

APRIL 2022 PROGRESS REPORT FOR CITY OF WOODLAND

1. Project Summary
The City of Woodland was apportioned \$150,000 to install at minimum two Level 2 EV charging stations in Woodland that are accessible to the public.
2. Project Manager
Rosie Ledesma, Environmental Resource Analyst, Community Development Department
3. Site (s) Description
City of Woodland public parking lot near 430-434 College St, Woodland CA 95695.
4. Site information (Maps, Pictures, Etc.)
See site map attached.
5. Description of any material planned changes to the Project.
N/A
6. Table schedule showing progress on achieving each of the Milestones
See Table 1 below.
7. Summary of activities during the previous calendar quarter or month.
Scoped areas within the City for potential station installation. Explored feasibility of installation by Public Works staff. Submitted initial request for PG&E supply upgrade to site. Received estimates for power source materials and charging stations.
8. Forecast of activities scheduled for the current calendar quarter
Re-appropriate funding for grant funds not previously appropriated correctly. Finalize installation plan, location, and budget. Submit formal request for PG&E supply upgrade. Design engineering plan and inquire about permitting requirements. Begin ordering supplies for initial groundwork.
9. Written descriptions about the progress relative to Milestones, including whether the milestone has been met or is on target to meet the Milestones
We are still in the initial planning stages of the project. Site selection and feasibility is still being reviewed, but should make progress in the next quarter.
10. List of issues that are reasonably likely to affect Milestones
Cost of materials continue to increase and may limit proposed implementation plan without potentially securing additional funding sources.

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SACOG GRANT

APRIL 2022 PROGRESS REPORT FOR CITY OF WOODLAND

11. A status report of activities, including a forecast of ongoing activities, information on project performance, and projections for the next twelve (12) months.
N/A
12. Progress and schedule of all material agreements, contracts, permits, approvals, technical studies, financing agreements, and purchase orders showing the start dates, completion dates, and completion percentages.
N/A
13. Pictures, in sufficient quantity and of appropriate detail, document the Project's progress.
N/A
14. Workforce Development or Supplier Diversity Reporting (if applicable)
N/A
15. Any other documentation to be included for Board Update

Dashboard

Site Selection	Contract Award	Permits	Installation	Testing	Go Live
In progress					

DASHBOARD KEY

Completed	IN PROGRESS	DELAYED	ON HOLD
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TABLE 1

Milestone Description	Status	% Completion	Estimated Completion Date	Notes
Site selection and feasibility	In progress	50%	April 2022	
Power supply upgrade	In progress	10%	September 2022	