

CONSOLIDATED MOSQUITO ABATEMENT DISTRICT
13151 E. Industrial Dr., Parlier, CA 93648
559-896-1085 | www.mosquitobuzz.net

Board of Trustees Meeting
Monday, July 17, 2023
1:00PM

AGENDA

1. Roll Call:

2. Introduction of Visitors:

The public may address the Board on each agenda item during the consideration of that item.

3. Public Comments:

This is an opportunity for public comment on non-agenda items. The President reserves the right to limit the duration of each speaker to five (5) minutes. It is the policy of the Board not to answer any questions impromptu.

4. Items of General Consent:

The following items are routine in nature and may be approved by one blanket motion upon unanimous consent. The President or any member of the Board of Trustees may request an item be pulled from Items of General Consent for a separate discussion.

A. Approval of June Minutes

B. Approval of June Payroll

C. Approval of June Bills

5. District 2023/2024 Professional Development Calendar:

The Board will consider the approval of a 2023/2024 Professional Development calendar.

6. Purchase of Pressure Washer:

The Board will consider the purchase of a new pressure washer to replace the existing pressure washer that is no longer functional.

7. Solar Covered Parking Project:

The Board will consider a proposal from Sol-Tek for solar-covered parking structures at the Parlier and Clovis facilities.

8. Right to Monitor Policy

The Board will consider Resolution 02-2023 to adopt a policy for the Right to Monitor.

9. Vehicle GPS & Camera System:

The Board will consider a system for District vehicle tracking and video monitoring.

10. Employee Medical Health Benefits Plan

The SDRMA health benefits program medical plan rates for 2024 will be presented to the Board.

11. FEMA Reimbursement through CalOES Update:

The Board will be provided with an update on the status the California Office of Emergency Services (Cal OES) approved Project Application submitted by the District for the California Disaster Assistance Act (CDAA) program for damage caused by the CDAA-2023-05, 2023 February-April Storms.

12. Meeting Reports:

Reports on District participation at authorized meetings will be given by those who attended.

13. Board General Discussion:

This is an opportunity for Board Members to ask questions for clarification, provide information to staff, request staff to report back on a matter or direct staff to place a matter on a subsequent agenda.

14. Staff Reports:

This is an opportunity for staff to report on District activities.

15. Adjournment:

**Minutes of a Meeting of the Board of Trustees of the
Consolidated Mosquito Abatement District
June 19, 2023**

A meeting of the Board of Trustees of the Consolidated Mosquito Abatement District was held at the District Office, in Parlier at 1:00 PM on June 19, 2023.

1. **Roll Call:**

Trustees Present:

Tok Fukuda	Kingsburg
Leonard Hammer	Fowler
Mary Anne Hill	County of Fresno
Abe Isaak	Reedley
Charles Lockhart	Orange Cove
Karen Steinhauer	Sanger
Bruce Taylor	County of Fresno
Jennifer Willems	Clovis

Trustees Absent:

Pete Esraelian	Selma
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Vacancy:

Fresno Parlier

Others Present:

Jodi Holeman	District Manager
Karan Cox	Office Administrator
Rogelio Benavides	City of Parlier resident
Charles Smith	City of Selma resident

2. **President Taylor called the meeting to order at 1:01 PM:**

3. **Public Comments:** None.

4. **Items of General Consent:** The following items are routine in nature and may be approved by one blanket motion upon unanimous consent. The President or any member of the Board of Trustees may request an item be pulled from Items of General Consent for a separate discussion.

A. Approval of May Minutes

B. Approval of May Payroll

Trustee Fukuda asked that item B., Approval of May Payroll, be removed from general consent for discussion and approval under a separate vote.

A motion was made by Trustee Lockhart, seconded by Trustee Isaak, and passed by unanimous vote to approve item A, approval of May Minutes.

After discussion, a motion was made by Trustee Fukuda, seconded by Trustee Hill, and passed by unanimous vote to approve item B, approval of May Payroll.

5. **Approval of May Bills:** After a discussion a motion was made by Trustee Fukuda, seconded by Trustee Isaak, and passed by unanimous vote to approve the May bills.

6. **Approval of Minutes of the Special Meeting of the Budget Committee:** A motion made by Trustee Hill, seconded by Trustee Lockhart, and passed by unanimous vote of the Budget Committee to approve the minutes of the June 5, 2023, special meeting of the Budget Committee.

7. **Employee Salary and Wage and Benefit Adjustment:** A motion was made by Trustee Fukuda, seconded by Trustee Lockhart, and passed by unanimous vote to accept the recommendation of the Budget Committee and to approve the following salary and wage increases:
 - a. a 5% increase in monthly salaries for regular employee position classifications and steps, except for the District Manager; and
 - b. a \$1.00 per hour increase in wages for all seasonal, temporary, and special project employee classifications and steps.

8. **Budget for 2023-2024 Fiscal Year:** Trustee Taylor recommended creating a new reserve account for Mutual Aid with an amount of \$100,000 to be deducted from the Special Projects Reserve Account. A motion was made by Trustee Lockhart, seconded by Trustee Fukuda and passed by unanimous vote to approve the Fiscal Year 2023 – 2024 Budget, with accompanying Line-Item Explanation and Justification, as proposed by the District Manager and recommended by the Budget Committee with the aforementioned modification to the reserve accounts.

9. **Support to Tulare Mosquito Abatement District:** A motion was made by Trustee Fukuda, seconded by Trustee Isaak and passed by unanimous vote to approve in-kind support to Tulare Mosquito Abatement District for areas around Tulare Lake if requested.

10. **Employee Appreciation Lunch and Staff Recognition:** A motion was made by Trustee Isaak, seconded by Trustee Hammer and passed by unanimous vote to approve the expenditure of funds for staff recognition, an employee mid-season lunch and an end-of-season lunch for seasonal and full-time staff.

11. **Meeting Reports:** Trustee Taylor gave an oral report on his attendance at the VCJPA Board of Directors meeting that he attended on May 30, 2023 by teleconference.
12. **Board General Discussion:** None.
13. **Staff Reports:** District Manager Holeman presented the May Program report on District activities and reported that the District is facing a challenging year, especially on the Westside, with mosquito abundance well above average.

The Manager informed the Board that a seasonal employee had been stopped for a State of California, Department of Pesticide Regulation pesticide use and monitoring inspection. The employee past inspection.
14. **Adjournment:** The meeting was adjourned at 2:05 PM. The next Board meeting will be held on July 17, 2023.

Attested
Member, Board of Trustees

**Consolidated Mosquito Abatement District
Payroll Expenses
June 2023**

Check #	Gross Pay	Net Pay	Payee	Description
29108	\$140.00	\$129.29	Alfonso Trejo	Seasonal Employee
29109	\$2,827.50	\$1,925.04	Amy Garcia	Full-Time Employee
29110	\$2,399.38	\$1,761.03	Anita Munoz	Seasonal Employee
29111	\$1,440.00	\$1,273.59	Anthony Marty Martinez	Seasonal Employee
29112	\$3,262.50	\$2,201.33	Brittany Deegan	Full-Time Employee
29113	\$1,584.00	\$1,429.25	Cha Her	Seasonal Employee
29114	\$1,520.00	\$1,275.37	Cheng Vang	Seasonal Employee
29115	\$3,107.00	\$2,257.04	Chris Monis	Full-Time Employee
29116	\$1,609.50	\$1,343.08	Chulong Vang	Seasonal Employee
29117	\$1,848.00	\$1,606.59	Clarita Ramblas	Seasonal Employee
29118	\$2,744.00	\$1,954.76	Conner Schaak	Full-Time Employee
29119	\$1,662.50	\$1,377.28	Daivd Rodriguez	Seasonal Employee
29120	\$3,624.50	\$2,624.76	Derek Hill	Full-Time Employee
29121	\$3,452.50	\$2,303.54	Devon Cornel	Full-Time Employee
29122	\$3,037.56	\$2,312.84	Donald McNeil	Seasonal Employee
29123	\$420.00	\$387.87	Emilia Reyes	Seasonal Employee
29124	\$2,244.00	\$1,613.70	Eric Ferguson	Seasonal Employee
29125	\$3,107.00	\$2,239.13	Gha Vang	Full-Time Employee
29126	\$1,672.00	\$1,405.48	Heidi Hubbard	Seasonal Employee
29127	\$3,238.50	\$2,633.85	Jacob Uribe	Seasonal Employee
29128	\$2,094.75	\$1,926.46	Jesse Hernandez	Seasonal Employee
29129	\$6,041.67	\$3,818.30	Jodi Holeman	Full-Time Employee
29130	\$1,575.00	\$1,310.32	Jorge Rivas Maya	Seasonal Employee
29131	\$3,107.00	\$1,821.40	Jose Moreno	Full-Time Employee
29132	\$2,744.00	\$1,921.18	Jovana Benavides	Full-Time Employee
29133	\$1,672.00	\$1,384.62	Justin Lor	Seasonal Employee
29134	\$3,597.00	\$2,450.80	Karan Cox	Full-Time Employee
29135	\$2,744.00	\$1,967.59	Katherine Brisco	Full-Time Employee
29136	\$4,501.50	\$2,804.17	Katherine Ramirez	Full-Time Employee
29137	\$1,512.00	\$1,330.34	Lewis Nunes	Seasonal Employee
29138	\$350.00	\$323.22	McKay Cornelius	Seasonal Employee
29139	\$1,540.00	\$1,284.54	Melanie Shmoon	Seasonal Employee
29140	\$1,760.00	\$1,451.03	Melissa Thies	Seasonal Employee
29141	\$3,633.76	\$2,816.58	Michael Scotty Dunn	Seasonal Employee
29142	\$1,260.00	\$1,071.28	Rachel Sherman-Castanon	Seasonal Employee
29143	\$1,400.00	\$1,177.41	Ricardo Castaneda	Seasonal Employee
29144	\$2,964.38	\$2,493.24	Robert Martinez	Seasonal Employee
29145	\$1,760.00	\$1,539.67	Rogelio Benavides	Seasonal Employee
29146	\$1,672.00	\$1,486.94	Roger Vang	Seasonal Employee
29147	\$1,848.00	\$1,398.91	Tracy Autrey	Seasonal Employee

**Consolidated Mosquito Abatement District
Payroll Expenses
June 2023**

Check #	Gross Pay	Net Pay	Payee	Description
29148	\$1,184.00	\$1,087.81	William Monge	Seasonal Employee
29169	\$200.00	\$0.00	Abraham Isaak	Trustee
29170	\$2,827.50	\$1,925.05	Amy Garcia	Full-Time Employee
29171	\$2,420.00	\$1,774.93	Anita Munoz	Seasonal Employee
29172	\$1,440.00	\$1,273.59	Anthony Marty Martinez	Seasonal Employee
29173	\$3,262.50	\$2,201.35	Brittany Deegan	Full-Time Employee
29174	\$300.00	\$277.05	Bruce Taylor	Trustee
29175	\$1,584.00	\$1,429.24	Cha Her	Seasonal Employee
29176	\$300.00	\$269.05	Charles Lockhart	Trustee
29177	\$1,577.00	\$1,318.49	Cheng Vang	Seasonal Employee
29178	\$3,107.00	\$2,257.03	Chris Monis	Full-Time Employee
29179	\$1,628.00	\$1,357.37	Chulong Vang	Seasonal Employee
29180	\$1,848.00	\$1,606.61	Clarita Ramblas	Seasonal Employee
29181	\$2,744.00	\$1,954.76	Conner Schaak	Full-Time Employee
29182	\$1,662.50	\$1,377.28	David Rodriguez	Seasonal Employee
29183	\$3,624.50	\$2,622.24	Derek Hill	Full-Time Employee
29184	\$3,452.50	\$2,303.55	Devon Cornel	Full-Time Employee
29185	\$2,719.56	\$2,085.98	Donald McNiel	Seasonal Employee
29186	\$1,540.00	\$1,390.54	Emilia Reyes	Seasonal Employee
29187	\$2,244.00	\$1,613.69	Eric Ferguson	Seasonal Employee
29188	\$3,107.00	\$2,239.12	Gha Vang	Full-Time Employee
29189	\$1,672.00	\$1,405.46	Heidi Hubbard	Seasonal Employee
29190	\$1,989.00	\$1,690.45	Jacob Uribe	Seasonal Employee
29191	\$1,624.50	\$1,500.23	Jesse Hernandez	Seasonal Employee
29192	\$700.00	\$646.45	Jesus Garcia	Seasonal Employee
29193	\$6,041.67	\$3,818.98	Jodi Holeman	Full-Time Employee
29194	\$1,431.00	\$1,201.68	Jorge Rivas	Seasonal Employee
29195	\$3,107.00	\$1,821.40	Jose Moreno	Full-Time Employee
29196	\$2,744.00	\$1,921.18	Jovana Benavides	Full-Time Employee
29197	\$1,672.00	\$1,384.64	Justin Lor	Seasonal Employee
29198	\$3,597.00	\$2,450.78	Karan Cox	Full-Time Employee
29199	\$300.00	\$277.05	Karen Steinhauer	Trustee
29200	\$2,744.00	\$1,967.59	Katherine Brisco	Full-Time Employee
29201	\$4,501.50	\$2,804.16	Katherine Ramirez	Full-Time Employee
29202	\$300.00	\$277.05	Leonard Hammer	Trustee
29203	\$1,344.00	\$1,192.18	Lewis Nunes	Seasonal Employee
29204	\$300.00	\$277.05	Mary Anne Hill	Trustee
29205	\$1,400.00	\$1,177.41	McKay Cornelius	Seasonal Employee
29206	\$140.00	\$129.29	Melanie Shmoon	Seasonal Employee
29207	\$1,760.00	\$1,451.03	Melissa Thies	Seasonal Employee

**Consolidated Mosquito Abatement District
Payroll Expenses
June 2023**

Check #	Gross Pay	Net Pay	Payee	Description
29208	\$2,436.75	\$1,911.75	Michael Scotty Dunn	Seasonal Employee
29209	\$200.00	\$184.70	Pete Esraelian	Trustee
29210	\$1,400.00	\$1,177.41	Rachel Sherman - Castanon	Seasonal Employee
29211	\$1,400.00	\$1,177.41	Ricardo Castaneda	Seasonal Employee
29212	\$2,129.25	\$1,796.25	Robert Martinez	Seasonal Employee
29213	\$1,740.00	\$1,523.64	Rogelio Benavides	Seasonal Employee
29214	\$1,624.50	\$1,449.11	Roger Vang	Seasonal Employee
29215	\$300.00	\$277.05	Tokuo Fukuda	Trustee
29216	\$798.00	\$662.02	Tracy Autrey	Seasonal Employee
29217	\$1,110.00	\$1,021.10	William Monge	Seasonal Employee
Total	\$185,995.73	\$140,772.05		

Employee Deductions and Liabilities

Check #	Amount	Payee	Description
29149	\$2,797.59	EDD	State Income Tax
29150	\$15,039.05	CMAD	Federal, Social Security, Medicare
29151	\$4,122.67	CalPERS	Retirement
29152	\$660.00	Mission Square	457K Retirement
29153	\$250.00	Valley First Credit Union	Credit Union
29154	\$71.67	Aflac	Disability Insurance
29218	\$2,610.90	EDD	State Income Tax
29219	\$14,583.36	CMAD	Federal, Social Security, Medicare
29220	\$4,027.00	CalPERS	Retirement
29221	\$660.00	Mission Square	457K Retirement
29222	\$250.00	Valley First Credit Union	Credit Union
29238	\$151.44	Mutual of Omaha	Life Insurance
Total Deductions	\$45,223.68		
Total Net Pay	\$140,772.05		
Total Gross Pay	\$185,995.73		

**Consolidated Mosquito Abatement District
Maintenance and Operations Expenses
June 2023**

Bank of the West Checks

Check #	Amount	Payee	Description
29150	\$7,188.05	CMAD	District Social Security & Medicare
29151	\$4,852.29	CalPERS	District Retirement
29155	\$611.17	AT&T	Telephone / Internet - Clovis office
29156	\$1,496.73	Minuteman Press	Doorhanger pockets for notices
29157	\$785.12	City of Parlier	Water sewer disposal
29158	\$576.41	PG&E	Heat light power - Clovis
29159	\$8.65	PG&E	Heat light power - Clovis
29160	\$13.36	PG&E	Heat light power - Selma
29161	\$71.27	PG&E	Heat light power - Selma
29162	\$25.20	PG&E	Heat light power - Westside
29163	\$101.18	City of Sanger	Water sewer disposal
29164	\$12,136.49	SDRMA	Health insurance premium
29165	\$14.79	SoCal Gas	Heat - Westside depot
29166	\$200.00	Streamline	Website design & maintenance
29167	\$40.68	Waste Management	Disposal - Selma
29168	\$16,331.91	Wex Bank - Valero	Fuel for all district vehicles
29219	\$7,051.66	CMAD	District Social Security & Medicare
29220	\$4,737.13	CalPERS	District Retirement
29224	\$581.17	AT&T	Telephone / Internet - Clovis office
29225	\$38.56	AT&T	Telephone - 800 number
29226	\$6,549.00	California Special District Assc	CSDA Membership
29227	\$50.00	City of Clovis	Outreach event at the Clovis senior center
29228	\$613.16	City of Clovis	Water sewer disposal
29229	\$795.50	Conner Schaak	Travel expenses - Esri User Conference
29230	\$43.95	DoorKing, Inc.	Parlier gate cellular service
29231	\$2,163.35	PG&E	Heat light power - Parlier
29232	\$17.75	PG&E	Heat light power - Sanger depot
29233	\$35.80	Republic Services	Disposal / recycling - Clovis
29234	\$98.54	SoCal Gas	Heat - Parlier office
29235	\$9,056.32	TeamBuilders, Inc.	Yearly aerial photographic survey
29236	\$2,103.25	Verizon Wireless	Cell phones / field tablets
29237	\$42.34	Waste Management	Disposal - Selma
29238	\$124.91	Mutual of Omaha	Life Insurance - District portion
29239	\$600.00	All-Pro Janitorial Services	Janitorial Services - Parlier office - May & June
29240	\$24.80	Associated Compressor Equip.	Air compressor repair
29241	\$455.35	Battery Systems, Inc.	Replacement batteries for vehicles
29242	\$84.62	California Industrial Rubber	Rubber boots for field crew
29243	\$37.94	California Water Service Co	Water - Selma location
29244	\$2,047.51	Clarke Mosquito Control	Insecticides
29245	\$122.60	FedEx	Mosquito sample shipping
29246	\$1,043.11	Jorgensen Company	Safety Equipment - eye wash, gloves

**Consolidated Mosquito Abatement District
Maintenance and Operations Expenses
June 2023**

Check #	Amount	Payee	Description
29247	\$360.00	Kings Industrial Occ Med Ctr	Pre-employment physicals & drug screens
29248	\$40.00	Lee's Service	Tire disposal
29249	\$2,947.96	Linde Gas & Equipment, Inc.	Dry ice for surveillance traps
29250	\$225.00	Lozano Smith	Legal fees
29251	\$750.00	Matson Alarm Co., Inc.	Alarm upgrade & installation - Westside location
29252	\$300.00	Matson Alarm Co., Inc.	Monthly alarm system monitoring
29253	\$589.54	Mission Uniform Service	Uniforms, floor mats & towels
29254	\$2,134.00	MVCAC	Mosquito sample testing
29255	\$100.00	Navia Benefit Solutions	Cobra administration - dental / vision only
29256	\$524.36	Napa Auto Parts	Lubricants & repair parts
29257	\$714.13	Nelson's Ace Hardware	Shop supplies, field equipment, building supplies
29258	\$11.87	Nelson's Power Center	Field equipment repair parts
29259	\$582.32	O'Reilly Auto Parts	Vehicle repair parts
29260	\$94.02	Office Depot	Misc office supplies
29261	\$783.27	PBM Supply & Mfg.	Field equipment repair parts
29262	\$399.04	SPEX Sample Prep	Lab supplies - plastic vials with caps
29263	\$848.40	Swanson Fahrney Ford	Vehicle repairs
29264	\$5,568.63	Target Specialty Products	Insecticides
29265	\$571.70	Tifco Industries	Shop supplies
29266	\$616.00	Tire Hub, Llc	Tires
29267	\$31.38	Tulare Polaris	Equipment repair parts
29268	\$2,608.49	U.S. Bank Corporate Payment	Credit card statement - see transaction list
29269	\$125.56	Wizix Technology Group, Inc.	Copier Maintenance & Repair
Total	\$103,897.29		

County of Fresno Checks

Check #	Amount	Payee	Description
301760	\$0.00	Voided check	Voided Check
301761	\$138,243.30	Consolidated Mosquito	Transfer funds to checking
304068	\$126,031.79	Consolidated Mosquito	Transfer funds to checking
304069	\$25,617.93	Consolidated Mosquito	Transfer funds to checking
	\$289,893.02		

Summary of June Expenses

June 2023 Salaries & Wages	\$185,995.73
June 2023 Maintenance & Operations	\$103,897.29
Total June 2023 Expenditures	\$289,893.02

**Consolidated Mosquito Abatement District
Monthly Expenditures**

ACCOUNT NUMBER	ACCOUNT NAME	BUDGET FY 2022/2023	SPENT TO DATE	BALANCE JUNE 30, 2023
<u>SALARIES, WAGES & EMPLOYEE BENEFITS</u>				
6101-01	Salaried Wages	\$1,274,000.00	\$1,142,167.25	\$131,832.75
6101-06	Hourly Wages & Extra Help	\$665,000.00	\$586,398.92	\$78,601.08
6101-02	FICA Employers Contribution	\$150,000.00	\$128,588.52	\$21,411.48
6101-03	Unemployment Insurance	\$24,000.00	\$17,661.68	\$6,338.32
6101-04	Retirement District's Payment	\$150,000.00	\$118,649.73	\$31,350.27
6101-05	Group Health Insurance	\$300,000.00	\$203,978.03	\$96,021.97
6101-07	Pre-Employment & Misc. Expenses	\$8,000.00	\$4,905.75	\$3,094.25
	TOTALS	\$2,571,000.00	\$2,202,349.88	\$368,650.12
<u>OPERATING & MAINTENANCE SUPPLIES & EXPENSE</u>				
6102-01	Insecticides & Herbicides	\$400,000.00	\$396,001.10	\$3,998.90
6102-02	Power Spray & Field Equipment	\$25,000.00	\$18,988.65	\$6,011.35
6102-03	Misc Operating Supplies & Expense	\$6,000.00	\$4,829.15	\$1,170.85
6102-04	Fish Program	\$10,000.00	\$2,279.05	\$7,720.95
6102-05	Building & Ground Maintenance	\$40,000.00	\$31,144.02	\$8,855.98
6102-06	Airplane Expense	\$3,000.00	\$0.00	\$3,000.00
	TOTALS	\$484,000.00	\$453,241.97	\$30,758.03
<u>MOTOR VEHICLE SUPPLIES & EXPENSE</u>				
6103-01	Fuel & Lubricants	\$180,000.00	\$131,856.89	\$48,143.11
6103-02	Repairs & Shop Tools	\$45,000.00	\$33,688.76	\$11,311.24
6103-03	Tires & Batteries	\$12,000.00	\$5,675.50	\$6,324.50
	TOTALS	\$237,000.00	\$171,221.15	\$65,778.85
<u>UTILITIES & COMMUNICATIONS</u>				
6104-01	Heat, Light & Power	\$40,000.00	\$37,993.86	\$2,006.14
6104-04	Water Sewer & Disposal	\$18,000.00	\$16,059.35	\$1,940.65
6105-01	Telephone	\$25,000.00	\$20,452.10	\$4,547.90
6105-02	Cellular Phones & Tablets	\$30,000.00	\$22,906.08	\$7,093.92
	TOTALS	\$113,000.00	\$97,411.39	\$15,588.61
<u>OFFICE SUPPLIES & EXPENSE</u>				
6106-02	Postage, Printing & Stationery	\$6,000.00	\$3,344.23	\$2,655.77
6106-04	Repairs & Maintenance	\$6,000.00	\$2,987.69	\$3,012.31
6106-05	Misc Office Supplies	\$13,000.00	\$11,257.42	\$1,742.58
6106-06	Office Equipment & Furniture	\$12,000.00	\$937.80	\$11,062.20
	TOTALS	\$37,000.00	\$18,527.14	\$18,472.86
<u>INSURANCE</u>				
6107-01	Liability, Property & Auto	\$98,000.00	\$91,673.00	\$6,327.00
6107-02	Workers Compensation	\$70,000.00	\$66,041.00	\$3,959.00
	TOTALS	\$168,000.00	\$157,714.00	\$10,286.00

**Consolidated Mosquito Abatement District
Monthly Expenditures**

ACCOUNT NUMBER	ACCOUNT NAME	BUDGET FY 2022/2023	SPENT TO DATE	BALANCE JUNE 30, 2023
<u>TRAVEL & SUBSISTENCE EXPENSE</u>				
6108-01	Meetings & Travel Allowance	\$75,000.00	\$42,832.41	\$32,167.59
6108-02	Trustee Allowance	\$1,000.00	\$0.00	\$1,000.00
6108-03	Meal Allowance	\$8,000.00	\$2,398.27	\$5,601.73
	TOTALS	\$84,000.00	\$45,230.68	\$38,769.32
<u>MISCELLANEOUS EXPENDITURES</u>				
6109-01	Rent: Land, Buildings and Equipment	\$2,000.00	\$0.00	\$2,000.00
6109-02	Dues, Subscriptions and Fees	\$28,000.00	\$21,440.79	\$6,559.21
6109-03	Education & Publicity	\$30,000.00	\$18,073.96	\$11,926.04
6109-04	Accounting	\$14,000.00	\$11,950.00	\$2,050.00
6109-05	Legal	\$10,000.00	\$4,448.20	\$5,551.80
6109-06	County Service Charge	\$55,000.00	\$50,819.00	\$4,181.00
6109-07	Uniforms, Safety Apparel & Equipment	\$30,000.00	\$23,636.00	\$6,364.00
6109-08	Surveillance & Research	\$50,000.00	\$33,760.45	\$16,239.55
6109-09	Other Miscellaneous Expenditures	\$15,000.00	\$1,758.03	\$13,241.97
6109-10	GIS & GPS	\$65,000.00	\$41,426.72	\$23,573.28
	TOTALS	\$299,000.00	\$207,313.15	\$91,686.85
TOTAL OPERATIONAL EXPENDITURES		\$3,993,000.00	\$3,353,009.36	\$639,990.64
<u>CAPITAL OUTLAY</u>				
6110-01	Office & Lab Furniture & Equipment	\$15,000.00	\$0.00	\$15,000.00
6110-02	Auto Equipment	\$300,000.00	\$0.00	\$300,000.00
6110-03	Shop Equipment	\$10,000.00	\$0.00	\$10,000.00
6110-04	Field Equipment	\$50,000.00	\$36,466.29	\$13,533.71
6110-05	Building & Ground Improvement	\$50,000.00	\$0.00	\$50,000.00
6110-06	Loan & Lease Purchase Payments	\$290,000.00	\$287,590.79	\$2,409.21
	TOTAL CAPITAL EXPENDITURES	\$715,000.00	\$324,057.08	\$390,942.92
TOTAL EXPENDITURES		\$4,708,000.00	\$3,677,066.44	\$1,030,933.56
<u>SPECIAL PROJECTS RESERVE</u>		\$250,000.00	\$0.00	\$250,000.00
<u>CONTINGENT LIABILITY RESERVE</u>		\$500,000.00	\$0.00	\$500,000.00
<u>BUILDING RESERVE</u>		\$2,000,000.00	\$0.00	\$2,000,000.00
<u>EQUIPMENT RESERVE</u>		\$600,000.00	\$0.00	\$600,000.00
<u>GENERAL RESERVE</u>		\$3,416,000.00	\$0.00	\$3,416,000.00
	TOTAL RESERVES	\$6,766,000.00	\$0.00	\$6,766,000.00
TOTAL EXPENDITURES AND RESERVES		\$11,474,000.00	\$3,677,066.44	\$7,796,933.56

**Consolidated Mosquito Abatement District
Monthly Expenditures**

FRESNO COUNTY ACCOUNT- BANK OF THE WEST

CASH ON HAND, MAY 31, 2023	\$9,184,812.95
PROPERTY TAXES WITHHELD BY FRS COUNTY	\$0.00
JUNE REVENUE	\$0.00
JUNE INTEREST	\$0.00
TAXES - FRESNO COUNTY / KINGS COUNTY	\$0.00
TOTAL REVENUE FOR JUNE	\$0.00
SUB-TOTAL	\$9,184,812.95
COUNTY ADMIN COST FOR FY WITHHELD BY COUNTY	(\$50,819.00)
MONEY TRANSFERRED TO CHECKING	(\$289,893.02)
CASH ON HAND, JUNE 30, 2023	\$8,894,919.93

YEARLY REVENUE THROUGH 05-31-23	\$4,465,241.86
JUNE REVENUE	\$0.00
YEARLY REVENUE THROUGH 06-30-23	\$4,465,241.86

CMAD CHECKING ACCOUNT - BANK OF THE WEST

CASH ON HAND, MAY 31, 2023	\$135,000.00
MONEY TRANSFERRED FROM FRS CO ACCT	\$289,893.02
JUNE EXPENDITURES	(\$289,893.02)
CASH ON HAND, JUNE 30, 2023	\$135,000.00

SALE OF REEDLEY DEPOT	\$185,000.00
DOWN PAYMENT	(\$25,000.00)
MONTHLY PAYMENTS PAID TO DATE	(\$18,667.55)
BALANCE DUE AS OF JUNE 30, 2023	\$141,332.45



P.O. BOX 6343
FARGO ND 58125-6343



ACCOUNT NUMBER 4866 9145 5553 7171
STATEMENT DATE 07-06-2023
AMOUNT DUE \$2,608.49
NEW BALANCE \$2,608.49
 PAYMENT DUE ON RECEIPT



000000292 01 SP 106481779529661 S

CONSOLIDATED MOSQUITO
ATTN KARAN COX
13151 E. INDUSTRIAL DR.
PARLIER CA 93648-9661

AMOUNT ENCLOSED

\$

Please make check payable to "U.S. Bank"

U.S. BANK CORPORATE PAYMENT SYSTEMS
P.O. BOX 790428
ST. LOUIS, MO 63179-0428

4866914555537171 000260849 000260849

Please tear payment coupon at perforation.

CORPORATE ACCOUNT SUMMARY

CONSOLIDATED MOSQUIT 4866 9145 5553 7171	Previous Balance	Purchases And Other + Charges	Cash Advances + Advances	Cash Advance Fees	Late Payment Charges	- Credits	- Payments	New = Balance
Company Total	\$2,718.57	\$2,608.49	\$0.00	\$0.00	\$0.00	\$0.00	\$2,718.57	\$2,608.49

CORPORATE ACCOUNT ACTIVITY

CONSOLIDATED MOSQUITO 4866-9145-5553-7171				TOTAL CORPORATE ACTIVITY \$2,718.57 CR
Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-22	06-22	74798263173317300009879	PAYMENT-THANK YOU Q	2,718.57 PY

NEW ACTIVITY

KATHERINE RAMIREZ 4866-9100-2755-0271		CREDITS \$0.00	PURCHASES \$123.10	CASH ADV \$0.00	TOTAL ACTIVITY \$123.10
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
06-07	06-06	24492163157000037902758	STICKER MULE STICKERMULE.C NY	83.91	
06-13	06-13	24692163164108002826008	AMZN MKTP US*CH6S02U73 AMZN.COM/BILL WA	14.14	
07-03	07-02	24431063183083710790660	AMAZON.COM*9H0MS0773 AMZN AMZN.COM/BILL WA	25.05	

CUSTOMER SERVICE CALL

800-344-5696

ACCOUNT NUMBER

4866-9145-5553-7171

ACCOUNT SUMMARY

PREVIOUS BALANCE	2,718.57
PURCHASES & OTHER CHARGES	2,608.49
CASH ADVANCES	.00
CASH ADVANCE FEES	.00
LATE PAYMENT CHARGES	.00
CREDITS	.00
PAYMENTS	2,718.57
ACCOUNT BALANCE	2,608.49

STATEMENT DATE

07/06/23

DISPUTED AMOUNT

.00

AMOUNT DUE

2,608.49

SEND BILLING INQUIRIES TO:

U.S. Bank National Association
C/O U.S. Bancorp Purchasing Card Program
P.O. Box 6335
Fargo, ND 58125-6335



Company Name: CONSOLIDATED MOSQUITO
Corporate Account Number: 4866 9145 5553 7171
Statement Date: 07-06-2023

NEW ACTIVITY

BRITTANY DEEGAN **CREDITS** **PURCHASES** **CASH ADV** **TOTAL ACTIVITY**
 4866-9100-2755-0305 \$0.00 \$40.89 \$0.00 \$40.89

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-27	06-26	24692163177108904569008	AMZN MKTP US*HG5317XQ3 AMZN.COM/BILL WA	40.89

DEREK HILL **CREDITS** **PURCHASES** **CASH ADV** **TOTAL ACTIVITY**
 4866-9100-2851-9143 \$0.00 \$16.16 \$0.00 \$16.16

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-12	06-09	24943013161010191115283	THE HOME DEPOT #0664 CLOVIS CA	16.16

KARAN COX **CREDITS** **PURCHASES** **CASH ADV** **TOTAL ACTIVITY**
 4866-9123-5638-5899 \$0.00 \$777.32 \$0.00 \$777.32

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-08	06-06	24427333158710036059081	SAVEMART #654 KINGS KINGSBURG CA	46.01
06-12	06-09	24137463161001723578166	USPS PO 0558560648 PARLIER CA	24.30
06-14	06-14	24692163165108836998808	AMZN MKTP US*MK49A0TR3 AMZN.COM/BILL WA	18.62
06-14	06-14	24692163165108890383699	AMAZON.COM*JX9YM8403 AMZN.COM/BILL WA	10.33
06-15	06-14	24445003165300635659388	WALMART.COM 8009666546 800-966-6546 AR	61.92
06-26	06-25	24692163176108294342546	AMZN MKTP US*YM4TZ2T63 AMZN.COM/BILL WA	154.44
06-26	06-25	24692163176108308393667	AMZN MKTP US*AP5E061A3 AMZN.COM/BILL WA	11.87
06-29	06-28	24692163179100463405110	AMZN MKTP US*705DU7HI3 AMZN.COM/BILL WA	59.93
06-29	06-28	24943003180898002063934	COSTCO WHSE#1360 CLOVIS CA	224.93
07-03	06-30	24011343181000025315740	CHECKR, INC CHECKR.COM HTTPSCHECKR.C CA	164.97

JOSE MORENO **CREDITS** **PURCHASES** **CASH ADV** **TOTAL ACTIVITY**
 4866-9130-3733-4553 \$0.00 \$753.61 \$0.00 \$753.61

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-08	06-07	24431063159400430000073	BIG 5 SPORTING GOODS 376 SELMA CA	21.68
06-15	06-14	24431063166091558000101	CLEVENGER MERCANTILE CARUTHERS CA	25.88
06-16	06-15	24431063167091550000090	CLEVENGER MERCANTILE CARUTHERS CA	108.30
06-19	06-16	24943013168010188007603	THE HOME DEPOT #8529 SELMA CA	174.50
06-29	06-27	24643723179030011736800	ARGO ADVENTURE 605-775-2917 SD	411.89
07-03	06-29	24427333181120003233076	STAR 1 FOOD MART PARLIER CA	4.89
07-06	07-05	24431063187091558000098	CLEVENGER MERCANTILE CARUTHERS CA	6.47

JODI HOLEMAN **CREDITS** **PURCHASES** **CASH ADV** **TOTAL ACTIVITY**
 4866-9137-6373-6682 \$0.00 \$897.41 \$0.00 \$897.41

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-07	06-05	24551943157018015496869	MAINSTREET CAFE REEDLEY CA	108.00



Company Name: CONSOLIDATED MOSQUITO
Corporate Account Number: 4866 9145 5553 7171
Statement Date: 07-06-2023

NEW ACTIVITY

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-23	06-21	24055223173063614993955	PATRIOTICBRANDS.COM 800-628-3524 NC	111.54
06-26	06-25	24034543176002921617109	76 - PENRYN ENTERPRISES I PENRYN CA	44.79
06-26	06-25	24430993176400817004423	MSFT * E0700O39VS MSBILL.INFO WA	86.23
06-27	06-26	24137463177100403313233	TST* NECTAR CAFE AUBURN CA	21.02
06-29	06-27	24037243179900012862560	AZUL LATIN KITCHEN S LAKE TAHOE CA	25.83
07-04	07-03	24011343184000032750928	SP SUMMIT CHEMICAL S HTTPSSUMMITCH MD	500.00

Department: 00000 Total: \$2,608.49
Division: 00000 Total: \$2,608.49

							CMAD	
Name	Date	Reference Number	Merchant Name	Amount	Item Description	Account #	Purchase Purpose	
K. Ramirez	2023/06/06	24492163157000037902758	STICKER MULE	\$83.91	50x Custom pins	6109-03	outreach mosquito pins	
K. Ramirez	2023/06/13	24692163164108002826008	AMZN MKTP US*CH6S02U73	\$14.14	ULAB Scientific Wide Mouth	6109-08	plastic liquid dispenser bottle	
K. Ramirez	2023/07/02	24431063183083710790660	AMZN	\$25.05	500 piece jigsaw puzzle	6109-03	raffle prize for outreach event	
B. Deegan	2023/06/26	24692163177108904569008	US*HG5317XQ3	\$40.89	Brewer's Yeast, 500g - Lab	6109-08	ingredient in gravid water	
D. Hill	2023/06/09	24943013161010191115283	THE HOME DEPOT #0664	\$16.16	Plastic step ladder	6102-02	for field technician	
K. Cox	2023/06/06	24427333158710036059081	SAVEMART #654 KINGS	\$46.01	pastries and supplies	6108-03	pastries for meeting, misc supplies	
K. Cox	2023/06/09	24137463161001723578166	USPS PO 0558560648	\$24.30	First-Class Lg Env	6106-02	postage to mail Board packet	
K. Cox	2023/06/14	24445003165300635659388	WALMART.COM 8009666546	\$61.92	coffee, creamer, cups, sugar	6102-03	misc office supplies	
K. Cox	2023/06/14	24692163165108836998808	US*MK49A0TR3	\$18.62	3 Slot D Cell Battery Hold	6109-08	surveillance supplies	
K. Cox	2023/06/14	24692163165108890383699	AMAZON.COM*JX9YM8403	\$10.33	Softalk II Black Phone Sho	6106-05	office supplies	
K. Cox	2023/06/25	24692163176108294342546	AMZN MKTP US*YM4TZ2T63	\$154.44	Markers, battery holders	6109-08	surveillance supplies	
K. Cox	2023/06/25	24692163176108308393667	AMZN MKTP US*AP5E061A3	\$11.87	120 PCS Fastening Cable Tie	6106-05	office supplies	
K. Cox	2023/06/28	24943003180898002063934	COSTCO WHSE#1360	\$224.93	hot dogs and supplies	6108-03	employee mid-season lunch	
K. Cox	2023/06/28	24692163179100463405110	AMZN MKTP US*705DU7HI3	\$59.93	Cruiser Gloss White M helmet	6102-02	technician helmet for ATV use	
K. Cox	2023/06/30	24011343181000025315740	CHECKR.COM	\$164.97	Background check	6101-07	new employee background	
J. Moreno	2023/06/07	24431063159400430000073	376	\$21.68	5 gallon water containers	6102-02	replace broken water containers	
J. Moreno	2023/06/14	24431063166091558000101	CLEVANGER MERCANTILE	\$25.88	steel wool	6102-05	supplies to remove graffiti	
J. Moreno	2023/06/15	24431063167091550000090	CLEVANGER MERCANTILE	\$108.30	Paint, ext. cord, paint trays	6102-05	supplies to remove graffiti	
J. Moreno	2023/06/16	24943013168010188007603	THE HOME DEPOT #8529	\$174.50	SOLARWALLLT, motion lights	6102-05	security - Westside depot	
J. Moreno	2023/06/27	24643723179030011736800	ARGO ADVENTURE	\$411.89	Argo brake pads	6103-02	replace worn out brake pads	
J. Moreno	2023/06/29	24427333181120003233076	STAR 1 FOOD MART	\$4.89	Propane	6103-01	BBQ for employee luncheon	
J. Moreno	2023/07/05	24431063187091558000098	CLEVANGER MERCANTILE	\$6.47	1 can white spray paint	6102-05	graffiti removal	
J. Holeman	2023/06/05	24551943157018015496869	MAINSTREET CAFE	\$108.00	lunch boxes	6108-03	meals for budget committee mtg	
J. Holeman	2023/06/21	24055223173063614993955	PATRIOTICBRANDS.COM	\$111.54	flag pole stands/accessories	6106-05	Board room flags	
J. Holeman	2023/06/25	24430993176400817004423	MSFT * E0700O39VS	\$86.23	Microsoft account	6106-05	monthly microsoft charge	
J. Holeman	2023/06/25	24034543176002921617109	I	\$44.79	Regular Unleaded 086 Octan	6103-01	fuel for travel from CSDA	
J. Holeman	2023/06/26	24137463177100403313233	TST* NECTAR CAFE	\$21.02	travel expenses	6108-01	CSDA Leadership Summit	
J. Holeman	2023/06/27	24037243179900012862560	AZUL LATIN KITCHEN	\$25.83	travel expenses	6108-01	CSDA Leadership Summit	
J. Holeman	2023/07/03	24011343184000032750928	SP SUMMIT CHEMICAL S	\$500.00	Mosquito Dunks - Mosquito	6102-01	Insecticide	

\$2,608.49

6101-07	Pre-Employment Expenses	\$164.97
6102-01	Insecticides	\$500.00
6102-02	Field Equipment	\$97.77
6102-03	Misc Operating Expenses	\$61.92
6102-05	Building & Ground Maintenance	\$315.15
6103-01	Fuel	\$49.68
6103-02	Vehicle Repairs	\$411.89
6106-02	Postage & Printing	\$24.30
6106-05	Misc Office Expenses	\$219.97
6108-01	Meetings & Tavel	\$46.85
6108-03	Meals	\$378.94
6109-03	Education & Publicity	\$108.96
6109-08	Surveillance	\$228.09

\$2,608.49

Agenda Item 5: District Professional Development Calendar 2023/2024

Background:

The District has participated in various professional development events for years. Many of these events are approved each year by the Board but are put forth for approval throughout the year. The Manager proposes a professional development calendar for Board approval to expedite this process. Only the events listed with the associated employee(s) and number of staff are eligible for attendance at the time of the event. Any events, employees, or trustees not listed in the development calendar will require Board approval before attending.

Estimated costs for each event are listed in the calendar. Events planned out in advance by the host group/association and with a secured venue have better estimates than those that still need to secure a venue. If a site venue has not been selected or hotel rates have not been provided, estimates are based on the regular hotel (if known) rate, or past participation costs at a similar venue. Travel costs, such as flights, can vary, but mid to high-range estimates are used for budgeting.

Approval of the professional development calendar is an approval to stay within the Meetings & Travel Allowance budget line item approved for the 2023/2024 fiscal year.

Mosquito and Vector Control Association of California (MVCAC)

- **Annual Meeting:** The MVCAC Annual Conference offers a program with presentations, posters, and information on mosquito and vector surveillance, control strategies, and products. It has been customary that the District participate in the MVCAC Annual Conference with the attendance of select staff as outlined in the professional development calendar. All trustees are eligible to attend the State Conference.
- **Quarterly Meetings:** Quarterly meetings include the MVCAC Board of Directors meeting and meetings of the various committees, which provide core support for the functions critical to the needs of the member districts. District Manager Holeman is on the MVCAC Board as the South San Joaquin Region Representative. GIS Coordinator Schaak and Area Supervisor Katherine Brisco are members of standing MVCAC committees. In-person, quarterly meetings are the spring and fall quarterly meetings.
- **Legislative Meeting:** The meeting is typically combined with the spring quarterly meeting and has the specific purpose of meeting with California legislators to ensure that resources and regulations support mosquito control efforts in California.
- **Planning Meeting:** Members of the MVCAC Board of Directors (current and 2024 incoming directors) and MVCAC Committee chairs will meet to plan the business and direction for the MVCAC. District Manager Holeman is Regional Director for the South San Joaquin Valley Region.

American Mosquito Control Association (AMCA)

- **Annual Meeting:** AMCA annual meeting provides an expanded opportunity to interact with mosquito researchers, mosquito control professionals, and industry representatives and attend symposia and presentations, and it offers broad education and outreach components. District participation has included the District Manager, key staff, other selected staff, and up to four trustees per the Trustee Conference Attendance Policy (enclosed).
- **Washington Conference:** An opportunity to attend the conference and meet with our respective congressional representatives, staff, and others to discuss critical issues facing mosquito control agencies. Attendees also typically hear from and interact with representatives of federal regulatory agencies, such as the Environmental Protection Agency and the Centers for Disease Control and Prevention, on matters impacting districts, such as the Clean Water Act, pesticide regulations, and the Endangered Species Act.

Society of Vector Ecology (SOVE):

- SOVE is a professional organization formed in 1968 by a group of individuals involved in California's vector biology and control programs. The membership has since grown to represent an amalgamation of diverse research and operational and extension personnel worldwide. SOVE gathers annually to share the latest research to address the many complex problems in vector biology and control. Among these are the suppression of nuisance organisms and disease vectors through integrating control elements, such as environmental management, biological control, public education, and appropriate chemical control technology.

Entomological Society of America (ESA)

- The ESA annual meeting has dozens of symposium sessions highlighting academic, industry, and government research elements, with oral presentations and posters. Daily interactive, hands-on learning workshops will be available, and many opportunities to interact with other attendees and industry representatives regarding the latest information about mosquito surveillance, control strategies, and products. ESA allows staff to stay current with research and development in mosquito biology and control and other insects. In a time when science and evidence-based decision making is questioned and scrutinized, our staff must continue to stay current on research in mosquito biology. ESA has always had a strong educational component to its program that looks at innovative ways to bring entomology into the classroom.

The Vector Control Joint Powers Agency (VCJPA)

- The Vector Control Joint Powers Agency (VCJPA) has an annual workshop and Board of Directors meeting annually. Trustee Taylor is currently the South San Joaquin and Southern California Trustee Representative on the VCJPA, and Office Administrator Cox deals with the VCJPA programs and issues for the District.

Pacific Southwest Center of Excellence in Vector-Borne Diseases (PacVec)

- PacVec is supported through a Cooperative Agreement between the Centers for Disease Control and Prevention (CDC) and the University of California, Davis. The center addresses the urgent public health challenges presented by the ongoing spread of invasive vectors, exotic pathogens such as the Zika virus, and several endemic pathogens transmitted by mosquitoes and ticks. PacVec investigators, along with public health and vector control partners, aim to increase the capacity of the United States to respond to vector-borne disease threats. Applied research of the program is presented annually at the PacVec Annual Meeting.

California Special Districts Association (CSDA)

- The California Special Districts Association (CSDA) has an annual General Manager Leadership Summit. This allows the District Manager to network with staff in leadership roles working in special districts and keep current with best practices and management of a special district. The leadership summit is one of the few professional development events focusing on leadership and practical tools and strategies for managing staff.

CalPERS

- The Forum offers educational sessions and discussions on important issues relevant to the District's CalPERS retirement plan and opportunities to meet with CalPERS experts one-on-one.

Environmental Systems Research Institute (ESRI)

- The District uses ESRI's GIS platforms, such as ArcPro and ArcGIS Online. The District maintains an annual subscription for its application in programs for data collected during surveillance and control activities. ArcGIS allows the District to create maps and records and project and present data both for internal District use and for information and use by the public. Each year ESRI hosts a User Conference that provides forums, work groups, and talks that present new capabilities, capacities, and applications for its products.

Action requested:

The Board is asked to approve the 2023/2024 Professional Development Calendar and authorize attendance by staff and trustees listed in the calendar.

**PROFESSIONAL DEVELOPMENT
JULY 1, 2023 – JULY 31, 2024**

Conference or Meeting	Attendance Authorized For	Date	Place	Staff Cost per Person	Trustee Cost per Trustee	Total
Society of Vector Ecology Annual Conference	District Manager	September 17-21, 2023	Charleston, SC	\$ 2,487.00	\$ -	\$ 2,487.00
Mosquito & Vector Control Association of California Quarterly Meetings	District Manager, GIS Coordinator, Area Supervisor or designee (3 max)	Fall: October 2-4, 2023	Palm Springs, CA	\$ 873.00	\$ -	\$ 2,619.00
CalPERS Educational Forum*	Office Administrator	October 2-4, 2023	Los Angeles, CA	\$ 1,756.00	\$ -	\$ 1,756.00
Entomological Society of America Annual Conference	Science Education Coordinator	November 5-8, 2023	National Harbor, MD	\$ 2,677.00	\$ -	\$ 2,677.00
Mosquito & Vector Control Association of California Planning Session	District Manager	December 2023 Week of the 4th	Sacramento, CA	\$ 600.00	\$ -	\$ 600.00
Mosquito & Vector Control Association of California Annual Conference	District Manager, Science Education Coordinator, Urban Program Coordinator, Rural Program Coordinator, Vector Biologist, Area Supervisor or designee, Trustees (max 6 staff, 6 trustees)	January 21-24, 2024	Monterey, CA	\$ 1,670.00	\$ 1,949.00	\$ 21,714.00
Vector Control Joint Powers Agency Annual Workshop	District Manager, Office Administrator, Trustee	February 2024	Santa Cruz, CA	\$ 200.00	\$ 300.00	\$ 900.00
American Mosquito Control Association	District Manager or designee, Science Education Coordinator, Associate Biologist, GIS Coordinator, Trustees (max 4 staff, 4 trustees)	March 4-8, 2024	Dallas, TX	\$ 3,378.83	\$ 3,378.83	\$ 27,030.64
Mosquito & Vector Control Association of California Spring Quarterly Meeting and Legislative Day	District Manager, GIS Coordinator, Area Supervisor or designee (3 max)	Spring: April 2024	Sacramento, CA	\$ 630.00	\$ -	\$ 1,260.00
Pacific Southwest Center of Excellence in Vector-Borne Diseases (PacVec)	District Manager and or designee (2 max)	April 2024	Davis, CA	\$ 600.00	\$ -	\$ 1,200.00
American Mosquito Control Association Washington Conference	District Manager	May 2024	Alexandria, VA	\$ 1,900.00	\$ -	\$ 1,900.00
California Special District Association General Manager Leadership Summit	District Manager	June 2024	Seaside, CA	\$ 1,700.00	\$ -	\$ 1,700.00
Environmental Systems Research Institute Annual Conference	GIS Coordinator	July 2024*	San Diego, CA	\$ 1,967.00	\$ -	\$ 1,967.00

Distriict Manager Holeman is currently the MVCAC South San Joaquin Valley Representative

Total \$ 67,810.64

* Attendance approved at the May 2023 Board Meeting

Board Policy Conference Attendance

Attendance at National and State Mosquito and Vector Control Association meetings and conferences are not only beneficial to the growth in experience and education of the Board of Trustees of the District. It is a highly held belief that it helps to make a trustee a more active participant and knowledgeable member of our Board.

It is therefore the policy of the Consolidated Mosquito Abatement District that members of the Board be allowed and encouraged to attend and participate in these meetings and conferences with the following conditions:

1. All members are eligible to attend conferences held within the state.
2. That (3) three members of the Board be allowed to attend out of state conferences as they become eligible on a rotating basis.
3. The rotation will commence by order of seniority on the Board and the order of rotation be kept by the District's secretary from then on.
4. The Board President will be eligible to attend all conferences exclusive of the rotation schedule. And if the President cannot attend the VP/Secretary can attend in his place without loss of his/her position on the rotation list.
5. Eligible members on the rotation schedule who elect not to attend a conference will stay at the top of the rotation schedule and the next member on the list will become eligible in order to fulfill the required three member attendance amount.
6. Any Board member that is replaced by another representative because of resignation or other reasons will be put on the rotation list after one year of serving on the Board and will be placed at the bottom of the rotation list.
7. All members will be required to make a brief report to the Board after attending any conferences. Reports will be given on the following regular Board meeting of the conference.
8. Two consecutive absences and/or a total of three absences from regular Board meetings in the (12) twelve months prior to an out of state conference will cause a member to become ineligible to participate in that event.

Board members attending meetings or conferences will be reimbursed for their travel, lodging, and meals as per District policies.

Agenda Item 6: Purchase of Pressure Washer

Background:

Enclosed are three quotes for pressure washers with different specifications for Board consideration.

Action requested:

The Board is asked to approve the purchase of a new pressure washer for District use.

Fork Lift Specialties, Inc.

3711 West Franklin
 Fresno, CA 93706
 559-277-5374 - Fax 559-275-2753

Quote # 61002569

Quote Date 5/31/2023

New Equipment Quote Terms - All Equipment Sold Net Cash or Lease
 Salesman: Justin Keys Writer:

BILL	SHIP
TO: CMAD	TO: CMAD-A
Consolidated Mosquito Abatement District	Consolidated Mosquito Abatement District
PO Box 784	13151 E. Industrial Dr.
Parlier, CA 93648	Parlier, CA 93648
559-896-1085	559-896-1085

Part #	Ship Via	FOB	Make	Model	Serial #
--------	----------	-----	------	-------	----------

Hotsy 772SS
 Hot Water Pressure Washer
 NG Fired burner system
 Electric
 230V / 1 PH
 13AMP
 3 HP Electric Motor
 3.0 GPM
 1500PSI
 Direct Drive
 HF2830S Pump
 338,000 BTU/HR

Comes with 50' hose, wand, gun and nozzles.

Warranty: 7 Years on the pump, 5 Years on the coil and 1 Year on the motor from manufacture defects.

Part #	Warehouse	Description	Bin	Extended
		Hotsy 772 Natrual Gas Hot Water Pressure Washer		6,295.00



Sub Total	\$6,295.00
Tax @ 8.975%	\$564.98
Total	\$6,859.98



PRESSURE WASHERS

A&E Pressure Washers

Fresno California

Ph 559-275-3891
Greg@aefresno.com
<http://www.aefresno.com>

Estimate

ESTIMATE #

46914

DATE

05/16/2023

BILL TO

Accounts Payable
Cash Sale
All cash sales require payment arrangements in advance. Under no condition are we to release a machine to custody of customer without payment received.

JOB ADDRESS

All cash sales require payment arrangements in advance. Under no condition are we to release a machine to custody of customer without payment received.

DESCRIPTION

Consolidated Mosquito Abatement District. Jose Moreno

ITEM	QTY	UNIT PRICE	AMOUNT
------	-----	------------	--------

Electro Magic stationary unit Electro Magic HHW 3gpm@1100psi 110v 1PH Belt drive Industrial constructed frame and cabinet 50ft hose Gun , wand and nozzle kit Complimentary degreaser	1	\$6,649.00	\$6,649.00
--	---	------------	------------

SUBTOTAL	\$6,649.00
TAX	\$563.50
TOTAL	\$7,212.50

How To Accept

Estimate #46914
Total amount \$7,212.50

To accept this quote, please call or email us using the details at the top of the page.

Thank you for your business, have a great day!

CONSOLIDATED MOSQUITO ABATEMENT DISTRICT

PROPOSAL SUMMARY

ALKOTA 3111AEUL 115V 1PH NATURAL GAS STATIONARY HOT HIGH PRESSURE WASHER

Features:

- 3 gallons per minute of hot water @ 1100 PSI
- Non-corrosive float tank
- Low Water Burner Shut Off
- Belt-Driven Tri-plex pump - 5 Year Warranty
2.3 HP, 115V, 1 PH 20 Amp Pump Motor
- Helical Designed (for low soot build up), Cold Roll Steel Wrapped
Coil – 7 Limited Year Warranty
- 365,000 BTU Natural Gas Fired
- Pressure Relief Unloader
- Safety Pop-off Valve
- Winterization feature built-in
- Trigger gun/wand and 50 feet of high pressure delivery hose
- **Auto Shutdown Timer**
- **Electronic Ignition**
- **Draft Diverter**
- **Free Installation**

Factory List	\$11,577.00
Special Discount	<u>(\$4,078.00)</u>
Subtotal	\$7,499.00
Incoming Freight	\$224.00
Sales tax	<u>TBD</u>
Total *	\$7,723.00

*Quote doesn't include tax. Quote valid until 8/15/2023

Upon approval, please sign and return via fax or email.

Fax: (559) 233-2509

Email: byron@steamcleanersinc.com

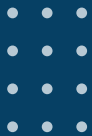
Approval Signature: _____

If PO required, please provide a PO number here: _____



Inflation Reduction Act:

*Solar Energy and Energy
Storage Provisions Summary*





Status

As of August 16, 2022, the Inflation Reduction Act (IRA) has passed in both the Senate and the House of Representatives and has been signed by the president. The summary below reflects what is in the final draft of the legislation.

About this Summary

This summary is intended only to provide a quick overview of some key provisions in the Inflation Reduction Act (IRA). As more details emerge, SEIA will publish additional in-depth guides to the enacted provisions for member companies. SEIA is working with member companies to implement these provisions with relevant federal agencies to ensure that the guidance and regulations issued are workable. When agencies issue final guidance and regulations, SEIA will update the detailed guides for member companies. Nothing in this summary should be interpreted as tax or legal advice.

[Members can view a more detailed summary here.](#)

If your company is not a member of SEIA, you can **[join here](#)**. SEIA members can email their questions to **membership@seia.org** and SEIA will work to address those questions in updated documents and a forthcoming Frequently Asked Questions page.

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- 01 About
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- 04 Utility-Scale and Other
- 06 Manufacturing
- 07 Additional Provisions
- 07 More Info

Solar Energy and Energy Storage Provisions of the IRA

Residential

Section 25D Investment Tax Credit for Direct Ownership Solar (cash sales and loan-financed sales to homeowners)

The personal income tax credit for the installation of solar energy property is extended and raised to 30% with the step-down beginning in 2033 when it drops to 26%. Stand-alone energy storage also becomes eligible for this credit for batteries at with at least 3 kilowatt-hours (kWh) of capacity.

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Credit Prior to IRA	26%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Credit Under IRA	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	26%	22%	0%

The stand-alone battery credit only applies to expenditures made after December 31, 2022.

There is no direct pay or refundability. It continues to function as it has in the past.

Investment Tax Credit for Third-Party-Owned Residential Systems

Third-party-owned (TPO) residential systems are financed and receive the ITC via the business tax code. For details on the business ITC, see the next section. As before, a system is directly owned by an individual taxpayer and claims the personal tax credit or is TPO and has the tax credit claimed by the third-party owner, not both.

Section 25C Investment Tax Credit for Clean Energy Property

Extended at 30% through 2032; beginning with property placed in service after 2022, lifetime cap replaced with an annual cap of \$1,200 except for heat pumps, heat pump water heaters, biomass stoves and biomass boilers which are capped at \$2,000 in aggregate. Credit also applies to improvement to or replacement of a panelboard, sub-panelboard, branch circuits or feeders that have capacity of at least 200 amps and are installed to enable the "installation or use" other eligible property under this Section 25C.

Residential Efficiency and Electrification Rebates

The IRA provides \$4.3 billion to State Energy Offices to establish rebates for a variety of home energy upgrades under the Home Owner Managing Energy Savings (HOMES) rebate program. Rebates for home energy retrofits up to the lesser \$8,000 per home or 80% of project cost if the project saves at least 35%. Lesser amounts available if projects save less than 35%. Multi-family rebates are also supported with different rebate amounts. Caps can increase for low- and moderate-income families with approval of the Secretary.

While all ultimate rebates are subject to state implementation, the legislation sets the following maximum values but those values could be increased by states for low- and moderate-income households:

Single-Family

- For retrofit projects modeled energy savings at least 20% and up to 35%, the lesser of \$2,000 or 50% of project costs
- For retrofit projects modeled energy savings more than 35%, the lesser of \$4,000 or 50% of project costs
- For measured energy savings, of at least 15%, an amount scaled relative to average home energy use in the state where the project is installed where \$2,000 would awarded for 20% energy savings, or 50% of project cost

Multi-Family

- For retrofit projects modeled energy savings at least 20% and up to 35%, \$2,000 per dwelling unit and maximum of \$200,000 per multifamily building
- For retrofit projects modeled energy savings more than 35%, \$4,000 per dwelling unit and a maximum of \$400,000 per multifamily building
- For measured energy savings, of at least 15%, an amount scaled relative to average home energy use in the state where the project is installed where \$4,000 would awarded for 20% energy savings or 80 of project cost

Cannot be combined with High-Efficiency Electric Home Rebate Program.

High-Efficiency Electric Home Rebate Program

The IRA provides \$4.275 billion for grants to State Energy Offices and \$224 million to Indian Tribes to establish rebate programs for home electrification. Importantly, this explicitly includes rebates up to \$4,000 for “electric load service center upgrades,” i.e. main panel upgrades and up to \$2,500 for “electric wiring.” These provisions are capped at 50% of qualifying costs for households making between 80% and 150% of area median income. It appears that households earning more than 150% of area median income are not eligible for these rebates.

While all ultimate rebates are subject to state implementation, the legislation sets the following maximum values:

Upgrade	Maximum Rebate \$ Amount	The Lesser of:	
		Maximum Rebate as Percent of Cost	
		Households 80%-150% of Area Median Income*	Households Less Than 80% of Area Median Income*
Heat pump water heater	\$1,750	50%	100%
Heat pump for HVAC	\$8,000	50%	100%
Electric stove, cooktop, range, oven, or heat pump clothes dryer	\$840	50%	100%
Electric load service center	\$4,000	50%	100%
Insulation, air sealing and ventilation	\$1,600	50%	100%
Electric wiring	\$2,500	50%	100%
Maximum total across all upgrades	\$14,000	50%	100%

* For multi-family properties if at least 50% of resident households are 80% to 150% of area median income.

** For multi-family properties if at least 50% of resident households are less than 80% of area median income.

Utility-Scale, Commercial, Industrial, Non-Profit, Government, Etc. and Third-Party-Owned Residential

The business investment tax credit is extended and lifted to 30% for projects that have started or start construction before the end of 2024 and the credit becomes available to stand-alone storage. Solar also becomes eligible for the production tax credit which is currently at \$0.026/kWh for 2022 and rises with inflation. After 2024, the credit transitions to a “tech neutral” structure.

Current Law (pre-IRA)

	2022	2023	2024	2025	2026	2027	2028	2029	2030
ITC for Solar*	26%	22%	10%	10%	10%	10%	10%	10%	10%
ITC for Stand-Alone Storage	0%	0%	0%	0%	0%	0%	0%	0%	0%
PTC for Solar (\$/kWh)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Source: SEIA Summary of Inflation Reduction Act (H.R. 5376)

* Projects that begin construction in 2022 and are online before the end of 2025 are eligible for 26%. Projects that begin construction in 2023 and are online before the end of 2025 are eligible for 22%. Projects that begin construction after 2023 are eligible for 10%. Additional transition guidance will have important implications.

** The PTC is adjusted for inflation each year by the IRS. The levels reported for years 2023-2035 assume annual inflation of 2% for illustrative purposes.

Inflation Reduction Act ITC and PTC

Under the IRA, projects will be able to choose the ITC or PTC. Both credits come with potential adders for meeting certain domestic content requirements, locating in energy communities, or allocated credits for being on qualified low-income property. The level of the base credits and adders are shown in the tables below. Stand-alone storage is eligible only for the ITC. Both ITC and PTC credits become transferable.

The ITC becomes available for costs of interconnection for projects with a net output of less than 5 MWac.

Direct pay becomes available for state and tribal governments, Alaska native corporations, certain tax-exempt entities and rural cooperatives.

All timelines below are subject to specific placed-in-service and start-construction deadlines and documentation requirements. [Details are available to SEIA members.](#)

Commercial ITC Under IRA

100% 75% 50% 0%

	2022 [†]	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033*	2034*	2035*	2036*
Projects Under 1 MWac															
Base ITC*	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	22.5%	15%	0%
Bonus for Meeting Domestic Content Minimums**		10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Bonus for Siting in "Energy Community"		10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Allocated Low-Income Bonus***															
Low-Income Community as Defined by the New Markets Tax Credit or on Indian Land		10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	7.5%	5%	0%
Qualified Low-Income Residential Building Project or Qualified Low-Income Economic Benefit Project		20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	15%	10%	0%
Projects Over 1 MWac that Begin Construction Less than 60 Days After Dept. of Treasury Issues Guidance															
Base ITC*	30%	30%	30%												
Bonus for Meeting Domestic Content Minimums**		10%	10%												
Bonus for Siting in "Energy Community"		10%	10%												
Allocated Low-Income Bonus for Projects Under 5 MWac***															
Low-Income Community as Defined by the New Markets Tax Credit or on Indian Land		10%	10%												
Qualified Low-Income Residential Building Project or Qualified Low-Income Economic Benefit Project		20%	20%												
Projects Over 1 MWac that Begin Construction 60 Days After Dept. of Treasury Issues Guidance															
Base for All Projects															
Base ITC*	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	4.5%	3%	0%
Bonus for Meeting Domestic Content Minimums**		2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1.5%	1%	0%
Bonus for Siting in "Energy Community"		2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1.5%	1%	0%
Adders for Projects that Meet Labor Requirements															
Base ITC*	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	18%	12%	0%
Bonus for Meeting Domestic Content Minimums**		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	6%	4%	0%
Bonus for Siting in "Energy Community"		8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	6%	4%	0%
Allocated Low-Income Bonus for Projects Under 5 MWac***															
Low-Income Community as Defined by the New Markets Tax Credit or on Indian Land		10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	7.5%	5%	0%
Qualified Low-Income Residential Building Project or Qualified Low-Income Economic Benefit Project		20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	15%	10%	0%

Source: SEIA Summary of Inflation Reduction Act (H.R. 5376)

* Actual phased down is based on the later of the dates shown or the year after electric sector CO2 emissions drop 75% below 2022 levels.

** Must include 100% domestic iron/steel and an increasing percent of manufactured goods over time.

*** Allocated credits will be based on an application and award process that will have to be developed by the Secretary. Maximum of 1.8 GWac/year.

[†]Bonus credits available for projects placed in service after December 31, 2022.

PTC Under IRA

100% 75% 50% 0%

	2022 [†]	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033**	2034**	2035**	2036**
Projects Under 1 MWac															
Base PTC*	2.6 ¢/kWh	2.7 ¢/kWh	2.7 ¢/kWh	2.8 ¢/kWh	2.8 ¢/kWh	2.9 ¢/kWh	2.9 ¢/kWh	3.0 ¢/kWh	3.0 ¢/kWh	3.1 ¢/kWh	3.2 ¢/kWh	3.2 ¢/kWh	2.4 ¢/kWh	1.6 ¢/kWh	0.0 ¢/kWh
Bonus for Meeting Domestic Content Minimums***		0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.0 ¢/kWh
Bonus for Siting in "Energy Community"		0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.0 ¢/kWh
Projects Over 1 MWac that Begin Construction Less than 60 Days After Dept. of Treasury Issues Guidance															
Base PTC*	2.6 ¢/kWh	2.7 ¢/kWh	2.7 ¢/kWh												
Bonus for Meeting Domestic Content Minimums***		0.3 ¢/kWh	0.3 ¢/kWh												
Bonus for Siting in "Energy Community"		0.3 ¢/kWh	0.3 ¢/kWh												
Projects Over 1 MWac that Begin Construction 60 Days After Dept. of Treasury Issues Guidance															
Base for All Projects															
Base PTC*	0.5 ¢/kWh	0.5 ¢/kWh	0.5 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.6 ¢/kWh	0.5 ¢/kWh	0.3 ¢/kWh	0.0 ¢/kWh
Bonus for Meeting Domestic Content Minimums***		0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.0 ¢/kWh	0.0 ¢/kWh	0.0 ¢/kWh
Bonus for Siting in "Energy Community"		0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.1 ¢/kWh	0.0 ¢/kWh	0.0 ¢/kWh	0.0 ¢/kWh
Adders for Projects that Meet Labor Requirements															
Base PTC*	2.1 ¢/kWh	2.1 ¢/kWh	2.2 ¢/kWh	2.2 ¢/kWh	2.3 ¢/kWh	2.3 ¢/kWh	2.3 ¢/kWh	2.4 ¢/kWh	2.5 ¢/kWh	2.5 ¢/kWh	2.6 ¢/kWh	2.6 ¢/kWh	1.9 ¢/kWh	1.3 ¢/kWh	0.0 ¢/kWh
Bonus for Meeting Domestic Content Minimums***		0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.2 ¢/kWh	0.1 ¢/kWh	0.0 ¢/kWh
Bonus for Siting in "Energy Community"		0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.2 ¢/kWh	0.3 ¢/kWh	0.3 ¢/kWh	0.2 ¢/kWh	0.1 ¢/kWh	0.0 ¢/kWh

Source: SEIA Summary of Inflation Reduction Act (H.R. 5376)

* The PTC is adjusted for inflation each year by the IRS. The levels reported for years 2023-2035 assume annual inflation of 2% for illustrative purposes.

** Actual phased down is based on the later of the dates shown or the year after electric sector CO2e emissions drop 75% below 2022 levels.

*** Must include 100% domestic iron/steel and an increasing percent of manufactured goods over time.

[†]Bonus credits available for projects placed in service after December 31, 2022.

Manufacturing

The IRA establishes two credits for manufacturers; 1. A 30% investment tax credit (Section 48C) for eligible investment costs in facilities and equipment and 2. A manufacturing production credit for certain components based on the volume of product manufactured. Manufacturers can only seek to take one or the other; that is, a manufacturer cannot claim the investment credit and then claim the production credit for product from the same factory.

Ten billion dollars are allocated for the Section 48C tax credits, and up to six billion dollars can go to projects located outside of census tracts (or adjacent tracts) where a coal mine closed after 1999 or a coal-fired power plant was retired after 2009. To receive the full 30% credit, a project must meet prevailing wage and apprenticeship requirements. Otherwise, the credit will be six percent. There is also no direct pay option, with limited exceptions, and manufacturers must apply and be chosen for the Section 48C tax credit. Credits are based on application and award process.

The production credit specifies different rates for various products as specified in the table below. Manufacturing production credits are also eligible for direct pay for five consecutive years.

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
100% 75% 50% 0%												
Solar												
PV Modules	7 ¢/Wdc	7 ¢/Wdc	7 ¢/Wdc	7 ¢/Wdc	7 ¢/Wdc	7 ¢/Wdc	7 ¢/Wdc	7 ¢/Wdc	5.3 ¢/Wdc	3.5 ¢/Wdc	1.8 ¢/Wdc	0.0 ¢/Wdc
Thin-Film PV Cells	5 ¢/Wdc	5 ¢/Wdc	5 ¢/Wdc	5 ¢/Wdc	5 ¢/Wdc	5 ¢/Wdc	5 ¢/Wdc	5 ¢/Wdc	3.8 ¢/Wdc	2.5 ¢/Wdc	1.3 ¢/Wdc	0.0 ¢/Wdc
Crystalline Silicon PV Cells	4 ¢/Wdc	4 ¢/Wdc	4 ¢/Wdc	4 ¢/Wdc	4 ¢/Wdc	4 ¢/Wdc	4 ¢/Wdc	4 ¢/Wdc	3.0 ¢/Wdc	2.0 ¢/Wdc	1.0 ¢/Wdc	0.0 ¢/Wdc
Crystalline Silicon PV Wafers	\$12/m2	\$12/m2	\$12/m2	\$12/m2	\$12/m2	\$12/m2	\$12/m2	\$12/m2	\$9/m2	\$6/m2	\$3/m2	\$0/m2
Solar Grade Polysilicon	\$12/kg	\$12/kg	\$12/kg	\$12/kg	\$12/kg	\$12/kg	\$12/kg	\$12/kg	\$9/kg	\$6/kg	\$3/kg	\$0/kg
Polymer Backsheets	\$0.40/m2	\$0.40/m2	\$0.40/m2	\$0.40/m2	\$0.40/m2	\$0.40/m2	\$0.40/m2	\$0.40/m2	\$0.30/m2	\$0.20/m2	\$0.10/m2	\$0/m2
Inverters*												
Central Inverter	0.25 ¢/Wac	0.25 ¢/Wac	0.25 ¢/Wac	0.25 ¢/Wac	0.25 ¢/Wac	0.25 ¢/Wac	0.25 ¢/Wac	0.25 ¢/Wac	0.19 ¢/Wac	0.13 ¢/Wac	0.06 ¢/Wac	0.00 ¢/Wac
Utility Inverter	1.50 ¢/Wac	1.50 ¢/Wac	1.50 ¢/Wac	1.50 ¢/Wac	1.50 ¢/Wac	1.50 ¢/Wac	1.50 ¢/Wac	1.50 ¢/Wac	1.13 ¢/Wac	0.75 ¢/Wac	0.38 ¢/Wac	0.00 ¢/Wac
Commercial Inverter	2.00 ¢/Wac	2.00 ¢/Wac	2.00 ¢/Wac	2.00 ¢/Wac	2.00 ¢/Wac	2.00 ¢/Wac	2.00 ¢/Wac	2.00 ¢/Wac	1.50 ¢/Wac	1.00 ¢/Wac	0.50 ¢/Wac	0.00 ¢/Wac
Residential Inverter	6.50 ¢/Wac	6.50 ¢/Wac	6.50 ¢/Wac	6.50 ¢/Wac	6.50 ¢/Wac	6.50 ¢/Wac	6.50 ¢/Wac	6.50 ¢/Wac	4.88 ¢/Wac	3.25 ¢/Wac	1.63 ¢/Wac	0.00 ¢/Wac
Microinverter	11.00 ¢/Wac	11.00 ¢/Wac	11.00 ¢/Wac	11.00 ¢/Wac	11.00 ¢/Wac	11.00 ¢/Wac	11.00 ¢/Wac	11.00 ¢/Wac	8.25 ¢/Wac	5.50 ¢/Wac	2.75 ¢/Wac	0.00 ¢/Wac
Trackers												
Torque tube or longitudinal purlin	\$0.87/kg	\$0.87/kg	\$0.87/kg	\$0.87/kg	\$0.87/kg	\$0.87/kg	\$0.87/kg	\$0.87/kg	\$0.65/kg	\$0.44/kg	\$0.22/kg	\$0.00/kg
Structural fasteners	\$2.28/kg	\$2.28/kg	\$2.28/kg	\$2.28/kg	\$2.28/kg	\$2.28/kg	\$2.28/kg	\$2.28/kg	\$1.71/kg	\$1.41/kg	\$0.57/kg	\$0.00/kg
Batteries												
Electrode active materials**	10%	10%	10%	10%	10%	10%	10%	10%	7.5%	50%	2.5%	0%
Cells (\$/kWh)	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$26.3	\$17.5	\$8.8	\$0
Modules (\$/kWh)	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$7.5	\$5	\$2.5	\$0
Modules that don't use cells (\$/kWh)	\$45	\$45	\$45	\$45	\$45	\$45	\$45	\$45	\$33.8	\$22.5	\$11.3	\$0
Critical Materials**	10%	10%	10%	10%	10%	10%	10%	10%	7.5%	5%	2.5%	0%

Source: SEIA Summary of Inflation Reduction Act (H.R. 5376)

* Central inverter = inverter greater than 1,000 kWac

Utility inverter = suitable for commercial or utility-scale; at least 600 volts; greater than 125 kWac but not greater than 1,000 kWac

Commercial inverter = suitable for for commercial or utility-scale; 208, 480, 600 or 800 volts; three-phase power; and greater than 20 kWac but not greater than 125 kWac

Residential inverter = suitable for a residence; 120 or 240 volts single-phase; capacity not greater than 20 kWac

Microinverter = suitable to connect with one solar module; 120 or 240 volts single-phase or 208 or 480 volts three-phase; capacity not greater than 650 Wac

** Percent of production cost

Additional Provisions

The IRA contains many other provisions important to the energy transition of direct or indirect interest to the solar energy and energy storage industries. These include the provisions listed below.

- \$500 million for the Defense Production Act (some of which could be used for solar manufacturing)
- Greenhouse Gas Reduction Fund totaling \$29 billion overseen by the Environmental Protection Agency
- Climate Pollution Reduction Grants to state and local governments totaling \$5 billion
- Environmental and Climate Justice Block Grants: \$3 billion for disadvantaged communities
- Department of Energy Loan Program Office gets an additional \$40 billion in commitment authority
- \$2 billion in loan authority for new transmission construction in designated national interest corridors.
- \$760 million for the Department of Energy to issue grants to state, local or tribal entities to facilitate siting of high-voltage interstate transmission
- Solar Right-of-Way Restrictions on Department of Interior lands (right-of-way can only issue if an oil and gas lease sale has been held in previous 120 days, and certain acreage thresholds have been offered in previous year)
- Additional \$1 billion for rural renewable energy electrification loans and expansion of the program to include storage
- Additional \$1B for REAP, with total grants limited to 50% of the total cost of an eligible project
- \$9.6B for loans and financing for rural co-ops to purchase renewable energy, generation, zero-emission systems, and related transmission, limited to 25% of total cost
- Incentives for build-out of electric vehicle charging networks
- Extension, expansion, and changes to electric vehicle tax credits, including a new credit for purchasing used EVs

Find Out More

SEIA will continue to provide detailed descriptions of critical provisions as agency guidance and implementing regulations are issued.

These detailed guides are [available to SEIA member companies](#).



Clovis Facility

Prepared For
Consolidated Mosquito
Abatement District
559-896-1085
smulligan@mosquitobuzz.net

Prepared By
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1/24/2023

Sol-Tek Industries provides comprehensive cost analysis for commercial, municipal, and residential renewable energy projects. We take pride in our work throughout the Central San Joaquin Valley and beyond.

We are fortunate to have been awarded several local "high profile" projects such as the City of Clovis CA Fire and Police stations, The Central California Blood Center, Abbey Pet Hospital, Miss Winkles Pet Center among various others. We look forward to exceeding your expectations as your selected solar installer.



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1 Project Summary

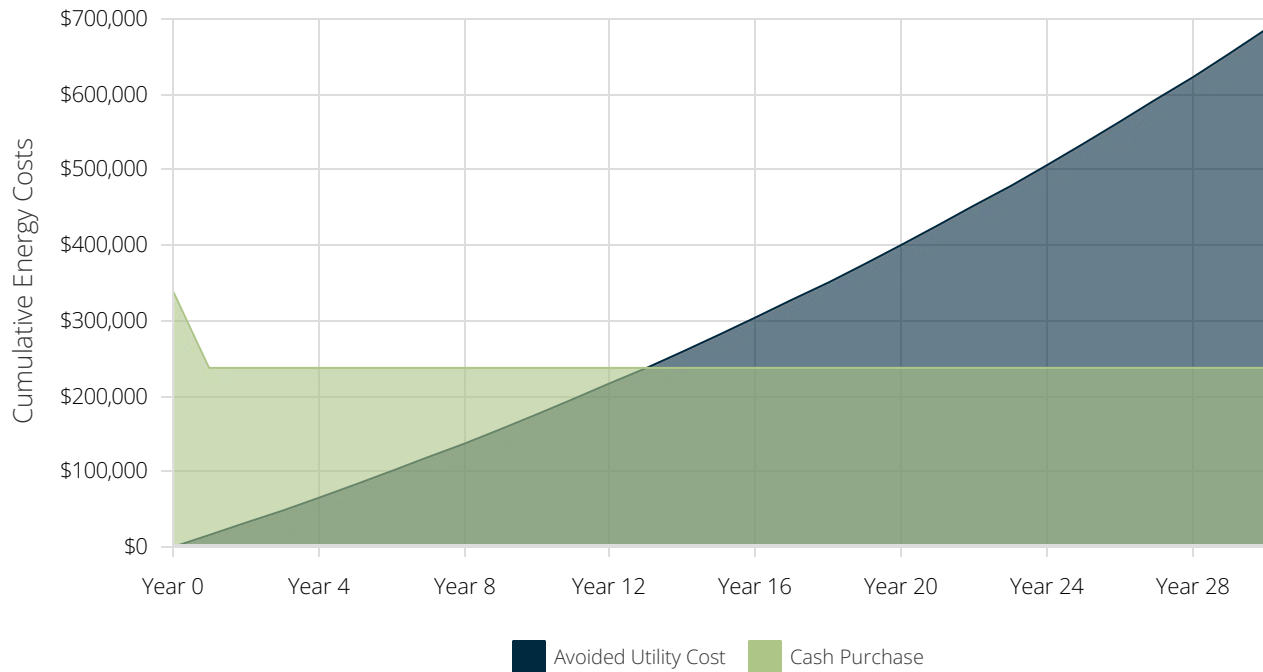
Payment Options	Cash Purchase
IRR - Term	7.3%
LCOE PV Generation	\$0.154 /kWh
Net Present Value	\$79,736
Payback Period	13.0 Years
Total Payments	\$339,193
Total Incentives	\$101,758
Net Payments	\$237,435
Electric Bill Savings - Term	\$685,399
Upfront Payment	\$339,193

Combined Solar PV Rating

Power Rating: 36,450 W-DC

Power Rating: 31,750 W-AC-CEC

Cumulative Energy Costs By Payment Option



2.1.1 PV System Details

General Information

Facility: Clovis Facility
 Address: 3555 Lind Ave Clovis CA 93612

Solar PV System Rating

Power Rating: 36,450 W-DC
 Power Rating: 31,750 W-AC-CEC

Solar PV Equipment Description

Solar Panels: (90) Jinko JKM405M-72HL-V (2022)
 Inverters: (3) SolarEdge SE14.4KUS (2021)

Energy Consumption Mix

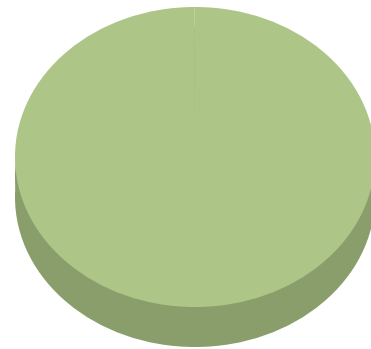
Annual Energy Use: 52,384 kWh

Solar PV Equipment Typical Lifespan

Solar Panels: Greater than 30 Years
 Inverters: 12 Years

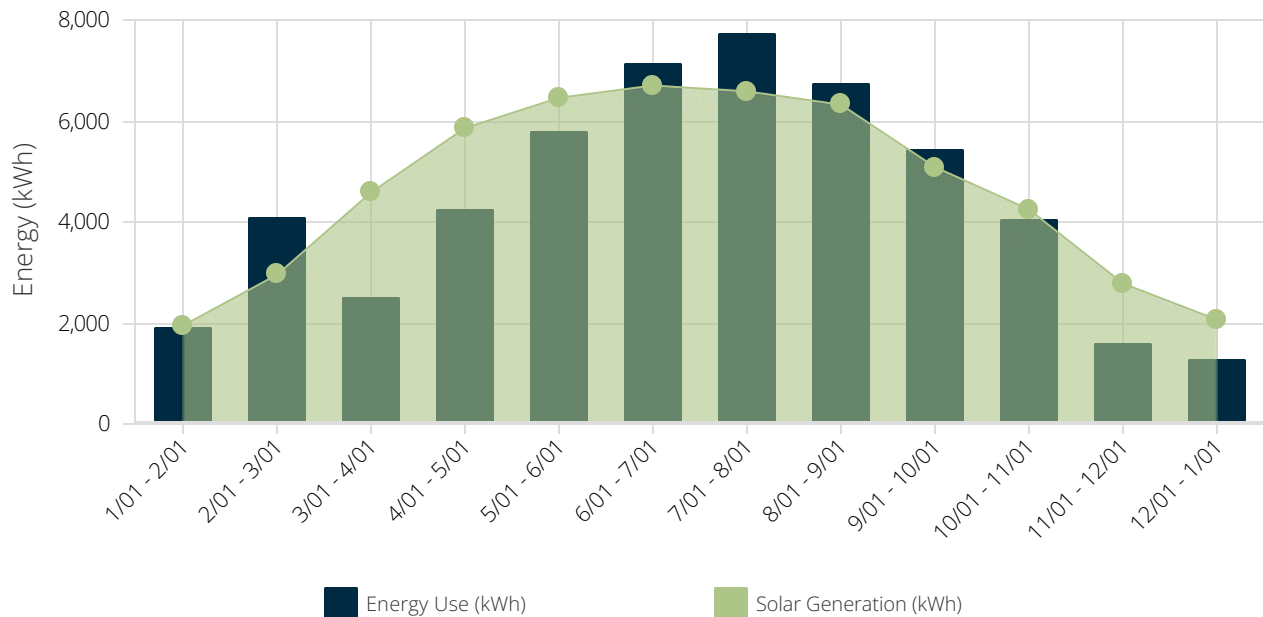
Solar PV System Cost and Incentives

Solar PV System Cost	\$339,193
Direct pay - 30% ITC	-\$101,758
Net Solar PV System Cost	\$237,435



Utility	-3,204 kWh (0.00%)
Solar PV	55,588 kWh (100.00%)

Monthly Energy Use vs Solar Generation



2.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

Total Incentive Value: \$101,758

2.1.3 Utility Rates

The table below shows the rates associated with your current utility rate schedule (B-1). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges			
Season	Charge Type	Rate Type	B-1	Season	Charge Type	Rate Type	B-1
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.31285
W2	Flat Rate	per day	\$0.82	W1	Off Peak	Import	\$0.29674
S	Flat Rate	per day	\$0.82	W2	On Peak	Import	\$0.31285
				W2	Off Peak	Import	\$0.29674
				W2	Super Off Peak	Import	\$0.28032
				S	On Peak	Import	\$0.38827
				S	Part Peak	Import	\$0.33904
				S	Off Peak	Import	\$0.31824

2.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: PG&E - B-1

Time Periods	Energy Use (kWh)				Charges			
	On Peak	Part Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2022 - 2/1/2022 W1	44	-	1,869	-	\$25	\$47	\$521	\$594
2/1/2022 - 3/1/2022 W1	69	-	4,007	-	\$23	\$100	\$1,110	\$1,234
3/1/2022 - 4/1/2022 W2	79	-	2,250	153	\$25	\$61	\$674	\$761
4/1/2022 - 5/1/2022 W2	161	-	3,910	157	\$25	\$104	\$1,151	\$1,279
5/1/2022 - 6/1/2022 W2	225	-	5,371	200	\$25	\$143	\$1,578	\$1,746
6/1/2022 - 7/1/2022 S	419	378	6,324	-	\$25	\$175	\$2,128	\$2,328
7/1/2022 - 8/1/2022 S	409	379	6,948	-	\$25	\$190	\$2,308	\$2,524
8/1/2022 - 9/1/2022 S	400	289	6,051	-	\$25	\$166	\$2,013	\$2,204
9/1/2022 - 10/1/2022 S	230	255	4,936	-	\$25	\$133	\$1,613	\$1,771
10/1/2021 - 11/1/2021 W1	64	-	3,957	-	\$25	\$99	\$1,095	\$1,220
11/1/2021 - 12/1/2021 W1	42	-	1,551	-	\$25	\$39	\$434	\$498
12/1/2021 - 1/1/2022 W1	45	-	1,212	-	\$25	\$31	\$343	\$399
Total	2,187	1,301	48,386	510	\$300	\$1,289	\$14,969	\$16,558

2.1.5 New Electric Bill

Rate Schedule: PG&E - B-1

Time Periods	Energy Use (kWh)				Charges			
	Bill Ranges & Seasons	On Peak	Part Peak	Off Peak	Super Off Peak	Other	NBC	Energy
1/1/2022 - 2/1/2022 W1	-8	-	-25	-	\$25	\$25	\$9	\$41
2/1/2022 - 3/1/2022 W1	-125	-	1,246	-	\$23	\$54	\$303	\$380
3/1/2022 - 4/1/2022 W2	-506	-	905	-2,498	\$25	\$38	\$539	\$476
4/1/2022 - 5/1/2022 W2	-759	-	2,221	-3,092	\$25	\$66	\$405	\$314
5/1/2022 - 6/1/2022 W2	-885	-	3,476	-3,253	\$25	\$95	\$141	\$21
6/1/2022 - 7/1/2022 S	-791	-1,018	2,228	-	\$25	\$78	\$46	\$149
7/1/2022 - 8/1/2022 S	-823	-1,034	3,008	-	\$25	\$96	\$258	\$380
8/1/2022 - 9/1/2022 S	-695	-1,126	2,239	-	\$25	\$77	\$50	\$153
9/1/2022 - 10/1/2022 S	-449	-897	1,680	-	\$25	\$63	\$48	\$136
10/1/2021 - 11/1/2021 W1	-368	-	142	-	\$25	\$45	\$67	\$3
11/1/2021 - 12/1/2021 W1	-45	-	-1,142	-	\$25	\$17	\$324	\$282
12/1/2021 - 1/1/2022 W1	16	-	-823	-	\$25	\$15	\$220	\$180
Total	-5,438	-4,075	15,155	-8,843	\$300	\$668	\$128	\$840

Annual Electricity Savings: \$15,718

3.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.3%	Net Present Value	\$79,736	Payback Period	13.0 Years
ROI	132.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$339,193				

Years	Project Costs	Direct pay - 30% ITC	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow
Upfront	-\$339,193	-	-	-\$339,193	-\$339,193
1	-	\$101,758	\$15,718	\$117,476	-\$221,717
2	-	-	\$16,109	\$16,109	-\$205,609
3	-	-	\$16,508	\$16,508	-\$189,100
4	-	-	\$16,918	\$16,918	-\$172,182
5	-	-	\$17,337	\$17,337	-\$154,846
6	-	-	\$17,766	\$17,766	-\$137,080
7	-	-	\$18,205	\$18,205	-\$118,875
8	-	-	\$18,654	\$18,654	-\$100,220
9	-	-	\$19,115	\$19,115	-\$81,106
10	-	-	\$19,585	\$19,585	-\$61,520
11	-	-	\$20,067	\$20,067	-\$41,453
12	-	-	\$20,561	\$20,561	-\$20,892
13	-	-	\$21,065	\$21,065	\$173
14	-	-	\$21,582	\$21,582	\$21,755
15	-	-	\$22,111	\$22,111	\$43,866
16	-	-	\$22,651	\$22,651	\$66,517
17	-	-	\$23,205	\$23,205	\$89,722
18	-	-	\$23,771	\$23,771	\$113,493
19	-	-	\$24,350	\$24,350	\$137,843
20	-	-	\$24,943	\$24,943	\$162,787
21	-	-	\$25,549	\$25,549	\$188,336
22	-	-	\$26,170	\$26,170	\$214,506
23	-	-	\$26,804	\$26,804	\$241,310
24	-	-	\$27,453	\$27,453	\$268,764
25	-	-	\$28,117	\$28,117	\$296,881
26	-	-	\$28,796	\$28,796	\$325,677
27	-	-	\$29,491	\$29,491	\$355,167
28	-	-	\$30,201	\$30,201	\$385,368
29	-	-	\$30,927	\$30,927	\$416,295
30	-	-	\$31,669	\$31,669	\$447,964
Totals:	-\$339,193	\$101,758	\$685,399	\$447,964	-

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.3%	Net Present Value	\$79,736	Payback Period	13.0 Years
ROI	132.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$339,193				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12
Cash													
Project Costs	-\$339,193	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	\$101,758	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	\$15,718	\$16,109	\$16,508	\$16,918	\$17,337	\$17,766	\$18,205	\$18,654	\$19,115	\$19,585	\$20,067	\$20,561
Cash Total	-\$339,193	\$117,476	\$16,109	\$16,508	\$16,918	\$17,337	\$17,766	\$18,205	\$18,654	\$19,115	\$19,585	\$20,067	\$20,561
Total Cash Flow	-\$339,193	\$117,476	\$16,109	\$16,508	\$16,918	\$17,337	\$17,766	\$18,205	\$18,654	\$19,115	\$19,585	\$20,067	\$20,561
Cumulative Cash Flow	-\$339,193	-\$221,717	-\$205,609	-\$189,100	-\$172,182	-\$154,846	-\$137,080	-\$118,875	-\$100,220	-\$81,106	-\$61,520	-\$41,453	-\$20,892

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.3%	Net Present Value	\$79,736	Payback Period	13.0 Years
ROI	132.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$339,193				

Years	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Cash														
Project Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	\$21,065	\$21,582	\$22,111	\$22,651	\$23,205	\$23,771	\$24,350	\$24,943	\$25,549	\$26,170	\$26,804	\$27,453	\$28,117	\$28,796
Cash Total	\$21,065	\$21,582	\$22,111	\$22,651	\$23,205	\$23,771	\$24,350	\$24,943	\$25,549	\$26,170	\$26,804	\$27,453	\$28,117	\$28,796
Total Cash Flow	\$21,065	\$21,582	\$22,111	\$22,651	\$23,205	\$23,771	\$24,350	\$24,943	\$25,549	\$26,170	\$26,804	\$27,453	\$28,117	\$28,796
Cumulative Cash Flow	\$173	\$21,755	\$43,866	\$66,517	\$89,722	\$113,493	\$137,843	\$162,787	\$188,336	\$214,506	\$241,310	\$268,764	\$296,881	\$325,677

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	7.3%	Net Present Value	\$79,736	Payback Period	13.0 Years
ROI	132.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$339,193				

Years	27	28	29	30	Totals
Cash					
Project Costs	-	-	-	-	-\$339,193
Direct pay - 30% ITC	-	-	-	-	\$101,758
Electric Bill Savings	\$29,491	\$30,201	\$30,927	\$31,669	\$685,399
Cash Total	\$29,491	\$30,201	\$30,927	\$31,669	\$447,964
Total Cash Flow	\$29,491	\$30,201	\$30,927	\$31,669	\$447,964
Cumulative Cash Flow	\$355,167	\$385,368	\$416,295	\$447,964	-



48.6 kW/DC Two Solar Structures

Prepared For
Consolidated Mosquito
Abatement District
559-896-1085
smulligan@mosquitobuzz.net

Prepared By
John Kalmbach
559-704-1851
jkalmbach@solteksolar.com

10/21/2022

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1 Project Summary

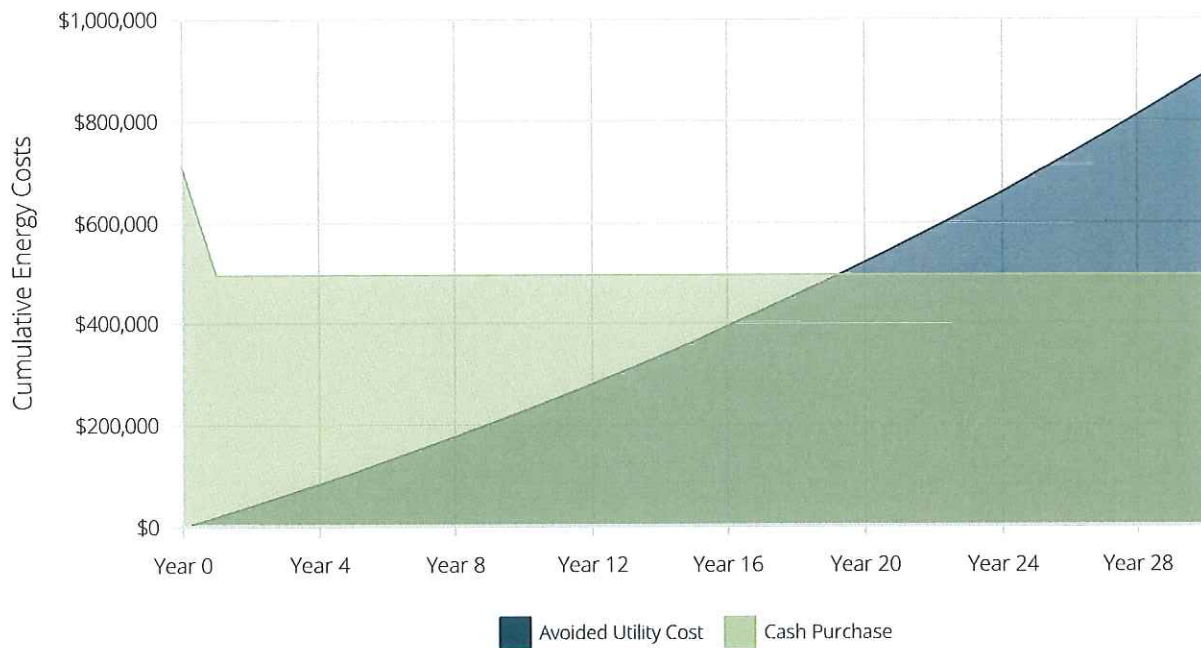
Payment Options	Cash Purchase
IRR - Term	3.6%
LCOE PV Generation	\$0.251 /kWh
Net Present Value	(\$87,301)
Payback Period	19.2 Years
Total Payments	\$708,937
Total Incentives	\$212,681
Net Payments	\$496,256
Electric Bill Savings - Term	\$892,002
Upfront Payment	\$708,937

Combined Solar PV Rating

Power Rating: 48,600 W-DC

Power Rating: 42,334 W-AC-CEC

Cumulative Energy Costs By Payment Option



2.1.1 PV System Details

General Information

Facility: Meter #1
 Address: 13151 E Industrial Dr Parlier CA 93648

Solar PV System Rating

Power Rating: 48,600 W-DC
 Power Rating: 42,334 W-AC-CEC

Solar PV Equipment Description

Solar Panels: (120) Jinko JKM405M-72HL-V (2022)
 Inverters: (3) SolarEdge SE17.3KUS (2021)

Energy Consumption Mix

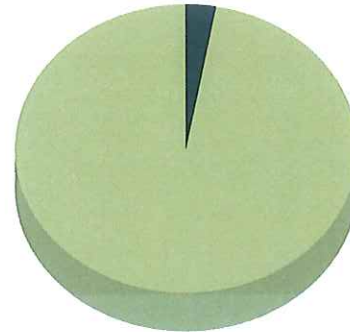
Annual Energy Use: 73,039 kWh

Solar PV Equipment Typical Lifespan

Solar Panels: Greater than 30 Years
 Inverters: 12 Years

Solar PV System Cost and Incentives

Solar PV System Cost	\$708,937
Direct pay - 30% ITC	-\$212,681
Net Solar PV System Cost	\$496,256



Utility	2,093 kWh (2.87%)
Solar PV	70,946 kWh (97.13%)

Monthly Energy Use vs Solar Generation



2.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

Total Incentive Value: \$212,681

2.1.3 Utility Rates

The table below shows the rates associated with your current utility rate schedule (B-6). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges			
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.30704
W2	Flat Rate	per day	\$0.82	W1	Off Peak	Import	\$0.28729
S	Flat Rate	per day	\$0.82	W2	On Peak	Import	\$0.30704
				W2	Off Peak	Import	\$0.28729
				W2	Super Off Peak	Import	\$0.27088
				S	On Peak	Import	\$0.41465
				S	Off Peak	Import	\$0.29671

2.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: PG&E - B-6

Time Periods	Energy Use (kWh)			Charges			
	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2022 - 2/1/2022 W1	747	4,534	-	\$25	\$126	\$1,406	\$1,557
2/1/2021 - 3/1/2021 W1	2,057	2,222	-	\$23	\$102	\$1,168	\$1,293
3/1/2021 - 4/1/2021 W2	2,516	3,129	1	\$25	\$135	\$1,537	\$1,697
4/1/2021 - 5/1/2021 W2	871	2,841	1,308	\$25	\$120	\$1,318	\$1,463
5/1/2021 - 6/1/2021 W2	911	2,911	1,445	\$25	\$126	\$1,381	\$1,533
6/1/2021 - 7/1/2021 S	1,401	6,639	-	\$25	\$192	\$2,358	\$2,575
7/1/2021 - 8/1/2021 S	1,510	7,929	-	\$25	\$226	\$2,753	\$3,004
8/1/2021 - 9/1/2021 S	1,400	7,133	-	\$25	\$204	\$2,493	\$2,722
9/1/2021 - 10/1/2021 S	1,334	6,189	-	\$25	\$180	\$2,210	\$2,414
10/1/2021 - 11/1/2021 W1	812	3,951	-	\$25	\$114	\$1,270	\$1,410
11/1/2021 - 12/1/2021 W1	779	3,646	-	\$25	\$106	\$1,181	\$1,311
12/1/2021 - 1/1/2022 W1	684	4,139	-	\$25	\$115	\$1,284	\$1,425
Total	15,022	55,263	2,754	\$300	\$1,747	\$20,358	\$22,405

2.1.5 New Electric Bill

Rate Schedule: PG&E - B-6

Time Periods	Energy Use (kWh)			Charges			
	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2022 - 2/1/2022 W1	656	1,927	-	\$25	\$79	\$693	\$798
2/1/2021 - 3/1/2021 W1	1,868	-1,114	-	\$23	\$70	\$235	\$328
3/1/2021 - 4/1/2021 W2	1,828	1,386	-3,537	\$25	\$95	\$9	\$130
4/1/2021 - 5/1/2021 W2	-265	740	-2,618	\$25	\$51	\$527	\$451
5/1/2021 - 6/1/2021 W2	-545	272	-3,165	\$25	\$46	\$865	\$793
6/1/2021 - 7/1/2021 S	-234	-655	-	\$25	\$61	\$270	\$185
7/1/2021 - 8/1/2021 S	-123	830	-	\$25	\$78	\$179	\$282
8/1/2021 - 9/1/2021 S	52	521	-	\$25	\$77	\$162	\$265
9/1/2021 - 10/1/2021 S	448	340	-	\$25	\$73	\$267	\$365
10/1/2021 - 11/1/2021 W1	327	-377	-	\$25	\$53	\$7	\$72
11/1/2021 - 12/1/2021 W1	687	591	-	\$25	\$61	\$350	\$436
12/1/2021 - 1/1/2022 W1	647	1,608	-	\$25	\$71	\$606	\$703
Total	5,346	6,069	-9,320	\$300	\$815	\$834	\$1,949

Annual Electricity Savings: \$20,456

3.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	3.6%	Net Present Value	(\$87,301)	Payback Period	19.2 Years
ROI	55.8%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$708,937				

Years	Project Costs	Direct pay - 30% ITC	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow
Upfront	-\$708,937	-	-	-\$708,937	-\$708,937
1	-	\$212,681	\$20,456	\$233,137	-\$475,800
2	-	-	\$20,964	\$20,964	-\$454,836
3	-	-	\$21,485	\$21,485	-\$433,351
4	-	-	\$22,017	\$22,017	-\$411,334
5	-	-	\$22,563	\$22,563	-\$388,771
6	-	-	\$23,121	\$23,121	-\$365,650
7	-	-	\$23,693	\$23,693	-\$341,958
8	-	-	\$24,278	\$24,278	-\$317,680
9	-	-	\$24,876	\$24,876	-\$292,804
10	-	-	\$25,489	\$25,489	-\$267,314
11	-	-	\$26,116	\$26,116	-\$241,198
12	-	-	\$26,758	\$26,758	-\$214,440
13	-	-	\$27,415	\$27,415	-\$187,025
14	-	-	\$28,087	\$28,087	-\$158,937
15	-	-	\$28,775	\$28,775	-\$130,162
16	-	-	\$29,479	\$29,479	-\$100,682
17	-	-	\$30,200	\$30,200	-\$70,483
18	-	-	\$30,937	\$30,937	-\$39,546
19	-	-	\$31,690	\$31,690	-\$7,856
20	-	-	\$32,462	\$32,462	\$24,606
21	-	-	\$33,251	\$33,251	\$57,857
22	-	-	\$34,058	\$34,058	\$91,915
23	-	-	\$34,884	\$34,884	\$126,799
24	-	-	\$35,729	\$35,729	\$162,528
25	-	-	\$36,593	\$36,593	\$199,121
26	-	-	\$37,476	\$37,476	\$236,597
27	-	-	\$38,380	\$38,380	\$274,977
28	-	-	\$39,304	\$39,304	\$314,281
29	-	-	\$40,249	\$40,249	\$354,530
30	-	-	\$41,216	\$41,216	\$395,746
Totals:	-\$708,937	\$212,681	\$892,002	\$395,746	-

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	3.6%	Net Present Value	(\$87,301)	Payback Period	19.2 Years
ROI	55.8%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$708,937				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11
Cash												
Project Costs	-\$708,937	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	\$212,681	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	\$20,456	\$20,964	\$21,485	\$22,017	\$22,563	\$23,121	\$23,693	\$24,278	\$24,876	\$25,489	\$26,116
Cash Total	-\$708,937	\$233,137	\$20,964	\$21,485	\$22,017	\$22,563	\$23,121	\$23,693	\$24,278	\$24,876	\$25,489	\$26,116
Total Cash Flow	-\$708,937	\$233,137	\$20,964	\$21,485	\$22,017	\$22,563	\$23,121	\$23,693	\$24,278	\$24,876	\$25,489	\$26,116
Cumulative Cash Flow	-\$708,937	-\$475,800	-\$454,836	-\$433,351	-\$411,334	-\$388,771	-\$365,650	-\$341,958	-\$317,680	-\$292,804	-\$267,314	-\$241,198

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	3.6%	Net Present Value	(\$87,301)		Payback Period	19.2 Years							
ROI	55.8%	PV Degradation Rate	0.50%		Discount Rate	5.0%							
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%		State Income Tax Rate	0.0%							
Total Project Costs	\$708,937												
Years	12	13	14	15	16	17	18	19	20	21	22	23	24
Cash													
Project Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	\$26,758	\$27,415	\$28,087	\$28,775	\$29,479	\$30,200	\$30,937	\$31,690	\$32,462	\$33,251	\$34,058	\$34,884	\$35,729
Cash Total	\$26,758	\$27,415	\$28,087	\$28,775	\$29,479	\$30,200	\$30,937	\$31,690	\$32,462	\$33,251	\$34,058	\$34,884	\$35,729
Total Cash Flow	\$26,758	\$27,415	\$28,087	\$28,775	\$29,479	\$30,200	\$30,937	\$31,690	\$32,462	\$33,251	\$34,058	\$34,884	\$35,729
Cumulative Cash Flow	-\$214,440	-\$187,025	-\$158,937	-\$130,162	-\$100,682	-\$70,483	-\$39,546	-\$7,856	\$24,606	\$57,857	\$91,915	\$126,799	\$162,528

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	3.6%	Net Present Value	(\$87,301)	Payback Period	19.2 Years
ROI	55.8%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$708,937				

Years	25	26	27	28	29	30	Totals
Cash							
Project Costs	-	-	-	-	-	-	-\$708,937
Direct pay - 30% ITC	-	-	-	-	-	-	\$212,681
Electric Bill Savings	\$36,593	\$37,476	\$38,380	\$39,304	\$40,249	\$41,216	\$892,002
Cash Total	\$36,593	\$37,476	\$38,380	\$39,304	\$40,249	\$41,216	\$395,746
Total Cash Flow	\$36,593	\$37,476	\$38,380	\$39,304	\$40,249	\$41,216	\$395,746
Cumulative Cash Flow	\$199,121	\$236,597	\$274,977	\$314,281	\$354,530	\$395,746	-



48.6 kW/DC Single Solar Structure

Prepared For
Consolidated Mosquito
Abatement District
559-896-1085
smulligan@mosquitobuzz.net

Prepared By
John Kalmbach
559-704-1851
jkalmbach@solteksolar.com

10/21/2022

Sol-Tek Industries provides comprehensive cost analysis for commercial, municipal, and residential renewable energy projects. We take pride in our work throughout the Central San Joaquin Valley and beyond.

We are fortunate to have been awarded several local "high profile" projects such as the City of Clovis CA Fire and Police stations, The Central California Blood Center, Abbey Pet Hospital, Miss Winkles Pet Center among various others. We look forward to exceeding your expectations as your selected solar installer.

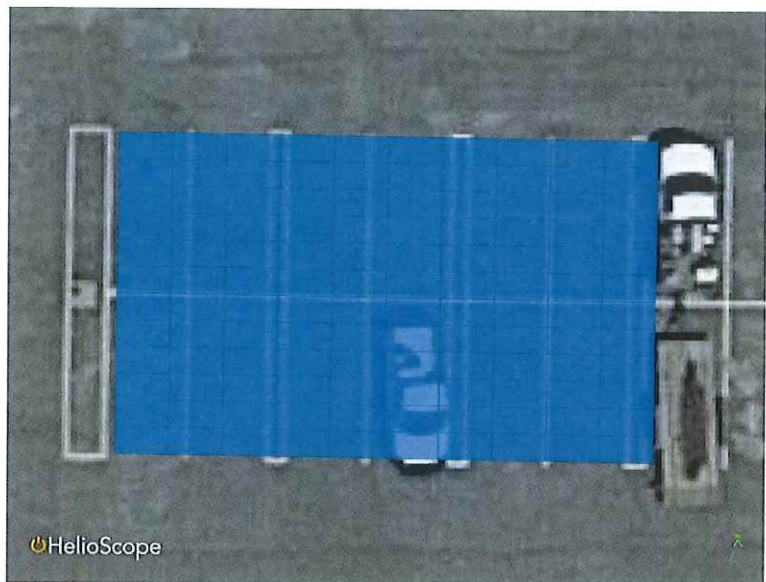


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1 Project Summary

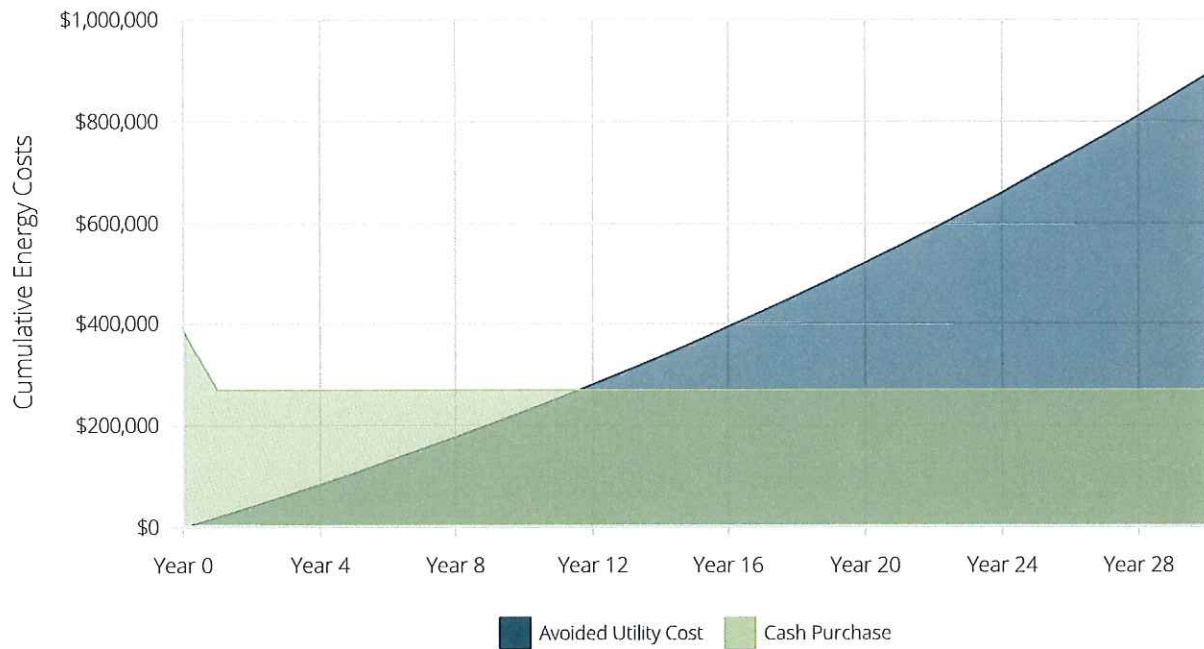
Payment Options	Cash Purchase
IRR - Term	8.4%
LCOE PV Generation	\$0.137 /kWh
Net Present Value	\$142,656
Payback Period	11.6 Years
Total Payments	\$386,997
Total Incentives	\$116,099
Net Payments	\$270,898
Electric Bill Savings - Term	\$892,002
Upfront Payment	\$386,997

Combined Solar PV Rating

Power Rating: 48,600 W-DC

Power Rating: 42,334 W-AC-CEC

Cumulative Energy Costs By Payment Option



2.1.1 PV System Details

General Information

Facility: Meter #1
 Address: 13151 E Industrial Dr Parlier CA 93648

Solar PV Equipment Description

Solar Panels: (120) Jinko JKM405M-72HL-V (2022)
 Inverters: (3) SolarEdge SE17.3KUS (2021)

Solar PV Equipment Typical Lifespan

Solar Panels: Greater than 30 Years
 Inverters: 12 Years

Solar PV System Cost and Incentives

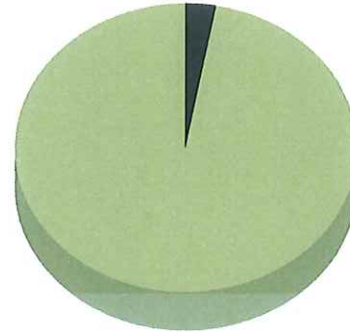
Solar PV System Cost	\$386,997
Direct pay - 30% ITC	-\$116,099
Net Solar PV System Cost	\$270,898

Solar PV System Rating

Power Rating: 48,600 W-DC
 Power Rating: 42,334 W-AC-CEC

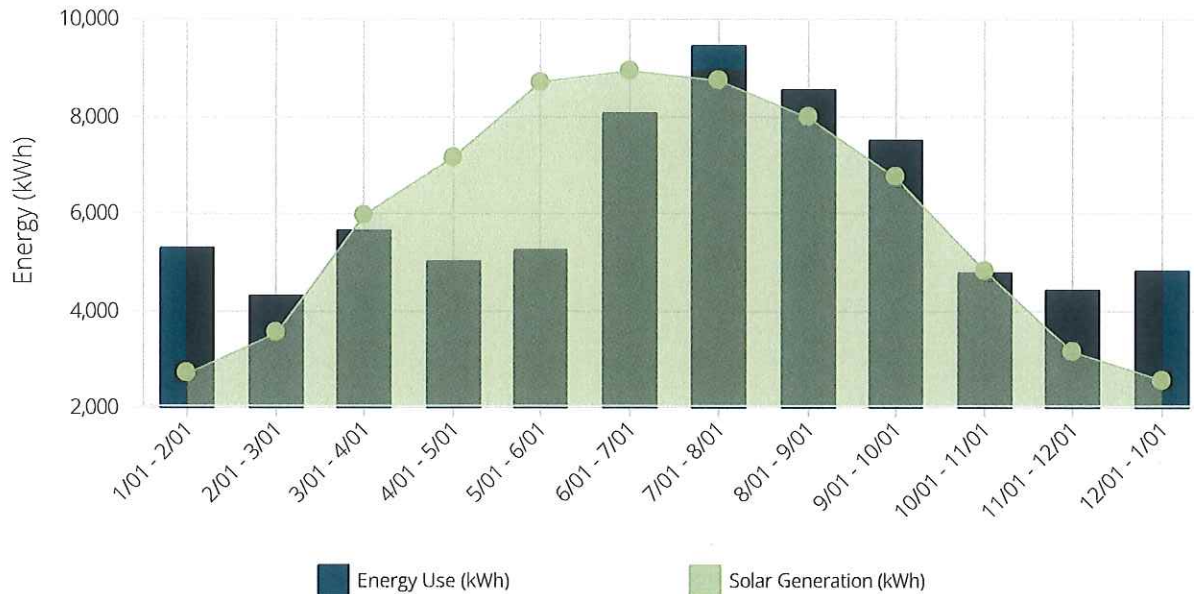
Energy Consumption Mix

Annual Energy Use: 73,039 kWh



Utility	2,093 kWh (2.87%)
Solar PV	70,946 kWh (97.13%)

Monthly Energy Use vs Solar Generation



2.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

Total Incentive Value: \$116,099

2.1.3 Utility Rates

The table below shows the rates associated with your current utility rate schedule (B-6). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges			
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.30704
W2	Flat Rate	per day	\$0.82	W1	Off Peak	Import	\$0.28729
S	Flat Rate	per day	\$0.82	W2	On Peak	Import	\$0.30704
				W2	Off Peak	Import	\$0.28729
				W2	Super Off Peak	Import	\$0.27088
				S	On Peak	Import	\$0.41465
				S	Off Peak	Import	\$0.29671

2.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: PG&E - B-6

Time Periods	Energy Use (kWh)			Charges			
	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2022 - 2/1/2022 W1	747	4,534	-	\$25	\$126	\$1,406	\$1,557
2/1/2021 - 3/1/2021 W1	2,057	2,222	-	\$23	\$102	\$1,168	\$1,293
3/1/2021 - 4/1/2021 W2	2,516	3,129	1	\$25	\$135	\$1,537	\$1,697
4/1/2021 - 5/1/2021 W2	871	2,841	1,308	\$25	\$120	\$1,318	\$1,463
5/1/2021 - 6/1/2021 W2	911	2,911	1,445	\$25	\$126	\$1,381	\$1,533
6/1/2021 - 7/1/2021 S	1,401	6,639	-	\$25	\$192	\$2,358	\$2,575
7/1/2021 - 8/1/2021 S	1,510	7,929	-	\$25	\$226	\$2,753	\$3,004
8/1/2021 - 9/1/2021 S	1,400	7,133	-	\$25	\$204	\$2,493	\$2,722
9/1/2021 - 10/1/2021 S	1,334	6,189	-	\$25	\$180	\$2,210	\$2,414
10/1/2021 - 11/1/2021 W1	812	3,951	-	\$25	\$114	\$1,270	\$1,410
11/1/2021 - 12/1/2021 W1	779	3,646	-	\$25	\$106	\$1,181	\$1,311
12/1/2021 - 1/1/2022 W1	684	4,139	-	\$25	\$115	\$1,284	\$1,425
Total	15,022	55,263	2,754	\$300	\$1,747	\$20,358	\$22,405

2.1.5 New Electric Bill

Rate Schedule: PG&E - B-6

Time Periods	Energy Use (kWh)			Charges			
	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2022 - 2/1/2022 W1	656	1,927	-	\$25	\$79	\$693	\$798
2/1/2021 - 3/1/2021 W1	1,868	-1,114	-	\$23	\$70	\$235	\$328
3/1/2021 - 4/1/2021 W2	1,828	1,386	-3,537	\$25	\$95	\$9	\$130
4/1/2021 - 5/1/2021 W2	-265	740	-2,618	\$25	\$51	\$527	\$451
5/1/2021 - 6/1/2021 W2	-545	272	-3,165	\$25	\$46	\$865	\$793
6/1/2021 - 7/1/2021 S	-234	-655	-	\$25	\$61	\$270	\$185
7/1/2021 - 8/1/2021 S	-123	830	-	\$25	\$78	\$179	\$282
8/1/2021 - 9/1/2021 S	52	521	-	\$25	\$77	\$162	\$265
9/1/2021 - 10/1/2021 S	448	340	-	\$25	\$73	\$267	\$365
10/1/2021 - 11/1/2021 W1	327	-377	-	\$25	\$53	\$7	\$72
11/1/2021 - 12/1/2021 W1	687	591	-	\$25	\$61	\$350	\$436
12/1/2021 - 1/1/2022 W1	647	1,608	-	\$25	\$71	\$606	\$703
Total	5,346	6,069	-9,320	\$300	\$815	\$834	\$1,949

Annual Electricity Savings: \$20,456

3.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.4%	Net Present Value	\$142,656	Payback Period	11.6 Years
ROI	160.5%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$386,997				

Years	Project Costs	Direct pay - 30% ITC	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow
Upfront	-\$386,997	-	-	-\$386,997	-\$386,997
1	-	\$116,099	\$20,456	\$136,555	-\$250,442
2	-	-	\$20,964	\$20,964	-\$229,478
3	-	-	\$21,485	\$21,485	-\$207,993
4	-	-	\$22,017	\$22,017	-\$185,976
5	-	-	\$22,563	\$22,563	-\$163,413
6	-	-	\$23,121	\$23,121	-\$140,292
7	-	-	\$23,693	\$23,693	-\$116,600
8	-	-	\$24,278	\$24,278	-\$92,322
9	-	-	\$24,876	\$24,876	-\$67,446
10	-	-	\$25,489	\$25,489	-\$41,956
11	-	-	\$26,116	\$26,116	-\$15,840
12	-	-	\$26,758	\$26,758	\$10,918
13	-	-	\$27,415	\$27,415	\$38,333
14	-	-	\$28,087	\$28,087	\$66,421
15	-	-	\$28,775	\$28,775	\$95,196
16	-	-	\$29,479	\$29,479	\$124,676
17	-	-	\$30,200	\$30,200	\$154,875
18	-	-	\$30,937	\$30,937	\$185,812
19	-	-	\$31,690	\$31,690	\$217,502
20	-	-	\$32,462	\$32,462	\$249,964
21	-	-	\$33,251	\$33,251	\$283,215
22	-	-	\$34,058	\$34,058	\$317,273
23	-	-	\$34,884	\$34,884	\$352,157
24	-	-	\$35,729	\$35,729	\$387,886
25	-	-	\$36,593	\$36,593	\$424,479
26	-	-	\$37,476	\$37,476	\$461,955
27	-	-	\$38,380	\$38,380	\$500,335
28	-	-	\$39,304	\$39,304	\$539,639
29	-	-	\$40,249	\$40,249	\$579,888
30	-	-	\$41,216	\$41,216	\$621,104
Totals:	-\$386,997	\$116,099	\$892,002	\$621,104	-

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.4%	Net Present Value	\$142,656	Payback Period	11.6 Years
ROI	160.5%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$386,997				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12
Cash													
Project Costs	-\$386,997	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	\$116,099	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	\$20,456	\$20,964	\$21,485	\$22,017	\$22,563	\$23,121	\$23,693	\$24,278	\$24,876	\$25,489	\$26,116	\$26,758
Cash Total	-\$386,997	\$136,555	\$20,964	\$21,485	\$22,017	\$22,563	\$23,121	\$23,693	\$24,278	\$24,876	\$25,489	\$26,116	\$26,758
Total Cash Flow	-\$386,997	\$136,555	\$20,964	\$21,485	\$22,017	\$22,563	\$23,121	\$23,693	\$24,278	\$24,876	\$25,489	\$26,116	\$26,758
Cumulative Cash Flow	-\$386,997	-\$250,442	-\$229,478	-\$207,993	-\$185,976	-\$163,413	-\$140,292	-\$116,600	-\$92,322	-\$67,446	-\$41,956	-\$15,840	\$10,918

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.4%	Net Present Value	\$142,656	Payback Period	11.6 Years
ROI	160.5%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$386,997				

Years	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Cash														
Project Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	\$27,415	\$28,087	\$28,775	\$29,479	\$30,200	\$30,937	\$31,690	\$32,462	\$33,251	\$34,058	\$34,884	\$35,729	\$36,593	\$37,476
Cash Total	\$27,415	\$28,087	\$28,775	\$29,479	\$30,200	\$30,937	\$31,690	\$32,462	\$33,251	\$34,058	\$34,884	\$35,729	\$36,593	\$37,476
Total Cash Flow	\$27,415	\$28,087	\$28,775	\$29,479	\$30,200	\$30,937	\$31,690	\$32,462	\$33,251	\$34,058	\$34,884	\$35,729	\$36,593	\$37,476
Cumulative Cash Flow	\$38,333	\$66,421	\$95,196	\$124,676	\$154,875	\$185,812	\$217,502	\$249,964	\$283,215	\$317,273	\$352,157	\$387,886	\$424,479	\$461,955

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.4%	Net Present Value	\$142,656	Payback Period	11.6 Years
ROI	160.5%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$386,997				

Years	27	28	29	30	Totals
Cash					
Project Costs	-	-	-	-	-\$386,997
Direct pay - 30% ITC	-	-	-	-	\$116,099
Electric Bill Savings	\$38,380	\$39,304	\$40,249	\$41,216	\$892,002
Cash Total	\$38,380	\$39,304	\$40,249	\$41,216	\$621,104
Total Cash Flow	\$38,380	\$39,304	\$40,249	\$41,216	\$621,104
Cumulative Cash Flow	\$500,335	\$539,639	\$579,888	\$621,104	-



131.2 kW/DC Two Solar Structures

Prepared For
Consolidated Mosquito
Abatement District
559-896-1085
smulligan@mosquitobuzz.net

Prepared By
John Kalmbach
559-704-1851
jkalmbach@solteksolar.com

10/21/2022

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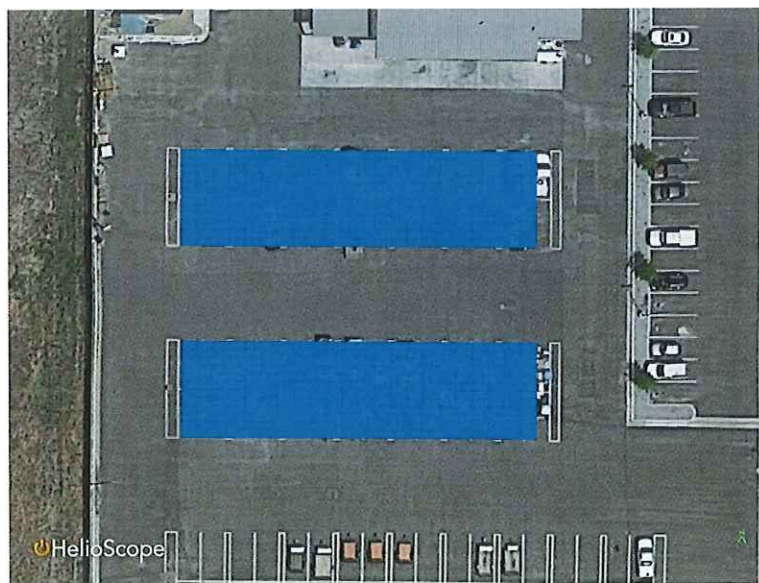


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1 Project Summary

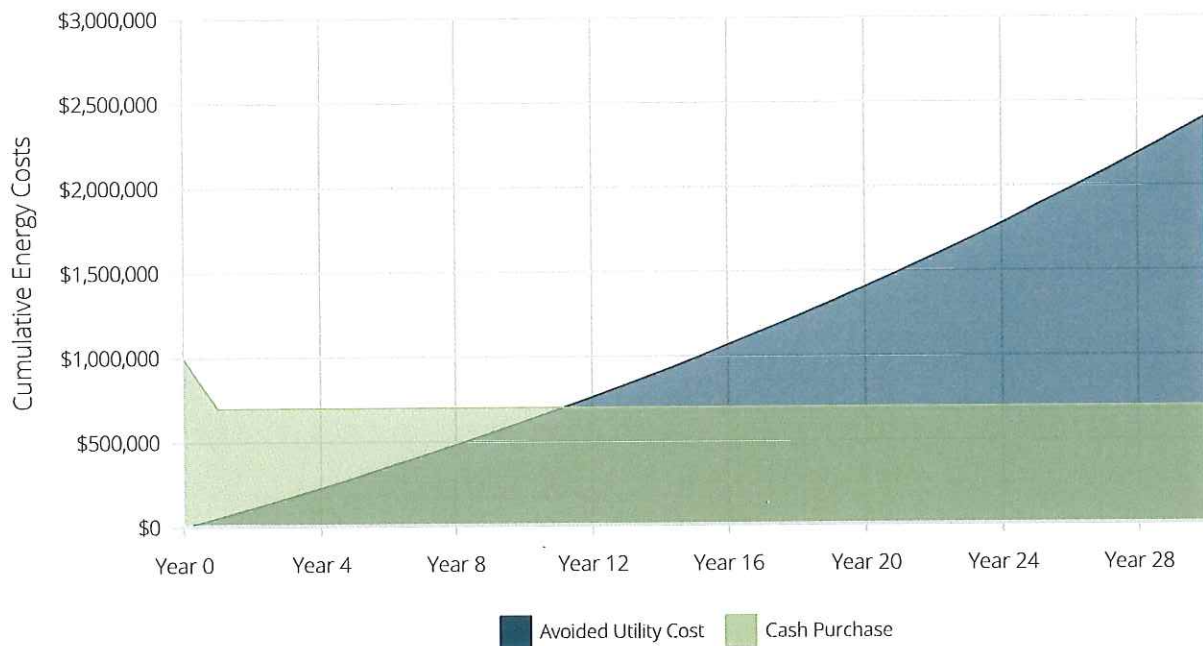
Payment Options	Cash Purchase
IRR - Term	8.9%
LCOE PV Generation	\$0.125 /kWh
Net Present Value	\$417,708
Payback Period	11.1 Years
Total Payments	\$997,952
Total Incentives	\$299,386
Net Payments	\$698,566
Electric Bill Savings - Term	\$2,406,293
Upfront Payment	\$997,952

Combined Solar PV Rating

Power Rating: 131,220 W-DC

Power Rating: 114,301 W-AC-CEC

Cumulative Energy Costs By Payment Option



2.1.1 PV System Details

General Information

Facility: Meter #1
 Address: 13151 E Industrial Dr Parlier CA 93648

Solar PV Equipment Description

Solar Panels: (324) Jinko JKM405M-72HL-V (2022)
 Inverters: (7) SolarEdge SE17.3KUS (2021)

Solar PV Equipment Typical Lifespan

Solar Panels: Greater than 30 Years
 Inverters: 12 Years

Solar PV System Cost and Incentives

Solar PV System Cost	\$997,952
Direct pay - 30% ITC	-\$299,386
Net Solar PV System Cost	\$698,566

Solar PV System Rating

Power Rating: 131,220 W-DC
 Power Rating: 114,301 W-AC-CEC

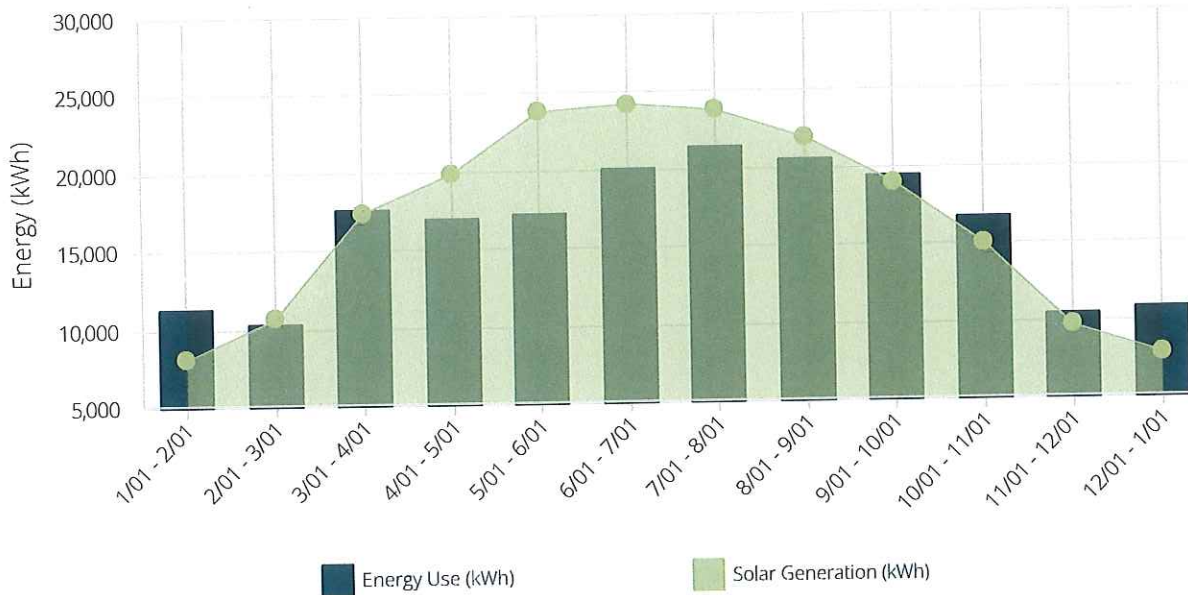
Energy Consumption Mix

Annual Energy Use: 193,028 kWh



Utility	-8,315 kWh (0.00%)
Solar PV	201,343 kWh (100.00%)

Monthly Energy Use vs Solar Generation



2.1.2 Rebates and Incentives

This section summarizes all incentives available for this project. The actual rebate and incentive amounts for this project are shown in each example.

Direct Pay, Investment Tax Credit (ITC) - 30%

The Inflation Reduction Act (IRA) of 2022 contains a "direct pay" provision that enables certain tax-exempt customers, including state and local government, to receive a direct cash payment in lieu of an investment tax credit (ITC). Entities that qualify for direct pay are eligible to receive a 30% direct payment, assuming they meet the IRA established prevailing wage and apprenticeship requirements in order to qualify for the full 30% "increased rate", rather than a 6% "base rate". The IRA states that direct pay is only available for entities, including: an entity exempt from the tax, any State government (or political subdivision thereof), the Tennessee Valley Authority, an Indian tribal government, an Alaska Native Corporation, any corporation operating on a cooperative basis which is engaged in furnishing electric energy to persons in rural areas. These entities may take direct pay for solar and storage in the ITC and PTC as well as the ITC/PTC when tech neutral starts after 2025.

Total Incentive Value: \$299,386

2.1.3 Utility Rates

The table below shows the rates associated with your current utility rate schedule (B-6). Your estimated electric bills after solar are shown on the following page.

Customer Charges				Energy Charges			
Season	Charge Type	Rate Type	B-6	Season	Charge Type	Rate Type	B-6
W1	Flat Rate	per day	\$0.82	W1	On Peak	Import	\$0.30704
W2	Flat Rate	per day	\$0.82	W1	Off Peak	Import	\$0.28729
S	Flat Rate	per day	\$0.82	W2	On Peak	Import	\$0.30704
				W2	Off Peak	Import	\$0.28729
				W2	Super Off Peak	Import	\$0.27088
				S	On Peak	Import	\$0.41465
				S	Off Peak	Import	\$0.29671

2.1.4 Current Electric Bill

The table below shows your annual electricity costs based on the most current utility rates and your previous 12 months of electrical usage.

Rate Schedule: PG&E - B-6

Time Periods	Energy Use (kWh)			Charges			
	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2022 - 2/1/2022 W1	747	10,534	-	\$25	\$270	\$2,986	\$3,281
2/1/2022 - 3/1/2022 W1	2,057	8,222	-	\$23	\$246	\$2,748	\$3,017
3/1/2022 - 4/1/2022 W2	2,516	10,129	5,000	\$25	\$422	\$4,615	\$5,062
4/1/2022 - 5/1/2022 W2	871	9,841	6,308	\$25	\$407	\$4,396	\$4,828
5/1/2021 - 6/1/2021 W2	911	9,911	6,445	\$25	\$413	\$4,460	\$4,898
6/1/2021 - 7/1/2021 S	1,401	18,639	-	\$25	\$479	\$5,632	\$6,136
7/1/2021 - 8/1/2021 S	1,510	19,929	-	\$25	\$513	\$6,026	\$6,565
8/1/2021 - 9/1/2021 S	1,400	19,133	-	\$25	\$491	\$5,766	\$6,283
9/1/2021 - 10/1/2021 S	1,334	18,189	-	\$25	\$467	\$5,483	\$5,975
10/1/2021 - 11/1/2021 W1	812	15,941	-	\$25	\$401	\$4,428	\$4,854
11/1/2021 - 12/1/2021 W1	779	9,646	-	\$25	\$249	\$2,761	\$3,035
12/1/2021 - 1/1/2022 W1	684	10,139	-	\$25	\$259	\$2,864	\$3,148
Total	15,022	160,253	17,753	\$300	\$4,617	\$52,165	\$57,083

2.1.5 New Electric Bill

Rate Schedule: PG&E - B-6

Time Periods Bill Ranges & Seasons	Energy Use (kWh)			Charges			
	On Peak	Off Peak	Super Off Peak	Other	NBC	Energy	Total
1/1/2022 - 2/1/2022 W1	467	2,747	-	\$25	\$152	\$856	\$1,033
2/1/2022 - 3/1/2022 W1	1,496	-1,863	-	\$23	\$125	\$67	\$81
3/1/2022 - 4/1/2022 W2	457	5,059	-5,264	\$25	\$200	\$162	\$387
4/1/2022 - 5/1/2022 W2	-2,324	4,029	-4,532	\$25	\$170	\$717	\$522
5/1/2021 - 6/1/2021 W2	-3,063	2,721	-6,196	\$25	\$146	\$1,681	\$1,510
6/1/2021 - 7/1/2021 S	-3,043	-1,151	-	\$25	\$154	\$1,503	\$1,324
7/1/2021 - 8/1/2021 S	-2,921	561	-	\$25	\$172	\$988	\$791
8/1/2021 - 9/1/2021 S	-2,373	937	-	\$25	\$182	\$672	\$464
9/1/2021 - 10/1/2021 S	-1,225	1,725	-	\$25	\$182	\$8	\$198
10/1/2021 - 11/1/2021 W1	-699	2,409	-	\$25	\$180	\$437	\$642
11/1/2021 - 12/1/2021 W1	494	275	-	\$25	\$127	\$212	\$364
12/1/2021 - 1/1/2022 W1	569	2,396	-	\$25	\$144	\$792	\$962
Total	-12,165	19,845	-15,992	\$300	\$1,933	\$333	\$1,900

Annual Electricity Savings: \$55,182

3.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.9%	Net Present Value	\$417,708	Payback Period	11.1 Years
ROI	171.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$997,952				

Years	Project Costs	Direct pay - 30% ITC	Electric Bill Savings	Total Cash Flow	Cumulative Cash Flow
Upfront	-\$997,952	-	-	-\$997,952	-\$997,952
1	-	\$299,386	\$55,182	\$354,568	-\$643,384
2	-	-	\$56,554	\$56,554	-\$586,830
3	-	-	\$57,958	\$57,958	-\$528,873
4	-	-	\$59,395	\$59,395	-\$469,478
5	-	-	\$60,866	\$60,866	-\$408,612
6	-	-	\$62,372	\$62,372	-\$346,240
7	-	-	\$63,914	\$63,914	-\$282,326
8	-	-	\$65,492	\$65,492	-\$216,834
9	-	-	\$67,107	\$67,107	-\$149,727
10	-	-	\$68,760	\$68,760	-\$80,966
11	-	-	\$70,452	\$70,452	-\$10,514
12	-	-	\$72,184	\$72,184	\$61,670
13	-	-	\$73,956	\$73,956	\$135,626
14	-	-	\$75,770	\$75,770	\$211,396
15	-	-	\$77,625	\$77,625	\$289,021
16	-	-	\$79,524	\$79,524	\$368,546
17	-	-	\$81,467	\$81,467	\$450,013
18	-	-	\$83,455	\$83,455	\$533,468
19	-	-	\$85,489	\$85,489	\$618,958
20	-	-	\$87,570	\$87,570	\$706,528
21	-	-	\$89,699	\$89,699	\$796,227
22	-	-	\$91,877	\$91,877	\$888,103
23	-	-	\$94,104	\$94,104	\$982,208
24	-	-	\$96,383	\$96,383	\$1,078,590
25	-	-	\$98,713	\$98,713	\$1,177,304
26	-	-	\$101,097	\$101,097	\$1,278,401
27	-	-	\$103,535	\$103,535	\$1,381,936
28	-	-	\$106,028	\$106,028	\$1,487,964
29	-	-	\$108,578	\$108,578	\$1,596,542
30	-	-	\$111,185	\$111,185	\$1,707,727
Totals:	-\$997,952	\$299,386	\$2,406,293	\$1,707,727	-

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.9%	Net Present Value	\$417,708	Payback Period	11.1 Years
ROI	171.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$997,952				

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11	12
Cash													
Project Costs	-\$997,952	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	\$299,386	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	\$55,182	\$56,554	\$57,958	\$59,395	\$60,866	\$62,372	\$63,914	\$65,492	\$67,107	\$68,760	\$70,452	\$72,184
Cash Total	-\$997,952	\$354,568	\$56,554	\$57,958	\$59,395	\$60,866	\$62,372	\$63,914	\$65,492	\$67,107	\$68,760	\$70,452	\$72,184
Total Cash Flow	-\$997,952	\$354,568	\$56,554	\$57,958	\$59,395	\$60,866	\$62,372	\$63,914	\$65,492	\$67,107	\$68,760	\$70,452	\$72,184
Cumulative Cash Flow	-\$997,952	-\$643,384	-\$586,830	-\$528,873	-\$469,478	-\$408,612	-\$346,240	-\$282,326	-\$216,834	-\$149,727	-\$80,966	-\$10,514	\$61,670

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.9%	Net Present Value	\$417,708	Payback Period	11.1 Years
ROI	171.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$997,952				

Years	13	14	15	16	17	18	19	20	21	22	23	24	25
Cash													
Project Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct pay - 30% ITC	-	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	\$73,956	\$75,770	\$77,625	\$79,524	\$81,467	\$83,455	\$85,489	\$87,570	\$89,699	\$91,877	\$94,104	\$96,383	\$98,713
Cash Total	\$73,956	\$75,770	\$77,625	\$79,524	\$81,467	\$83,455	\$85,489	\$87,570	\$89,699	\$91,877	\$94,104	\$96,383	\$98,713
Total Cash Flow	\$73,956	\$75,770	\$77,625	\$79,524	\$81,467	\$83,455	\$85,489	\$87,570	\$89,699	\$91,877	\$94,104	\$96,383	\$98,713
Cumulative Cash Flow	\$135,626	\$211,396	\$289,021	\$368,546	\$450,013	\$533,468	\$618,958	\$706,528	\$796,227	\$888,103	\$982,208	\$1,078,590	\$1,177,304

4.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	8.9%	Net Present Value	\$417,708	Payback Period	11.1 Years
ROI	171.1%	PV Degradation Rate	0.50%	Discount Rate	5.0%
Energy Cost Escalation Rate	3.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$997,952				

Years	26	27	28	29	30	Totals
Cash						
Project Costs	-	-	-	-	-	-\$997,952
Direct pay - 30% ITC	-	-	-	-	-	\$299,386
Electric Bill Savings	\$101,097	\$103,535	\$106,028	\$108,578	\$111,185	\$2,406,293
Cash Total	\$101,097	\$103,535	\$106,028	\$108,578	\$111,185	\$1,707,727
Total Cash Flow	\$101,097	\$103,535	\$106,028	\$108,578	\$111,185	\$1,707,727
Cumulative Cash Flow	\$1,278,401	\$1,381,936	\$1,487,964	\$1,596,542	\$1,707,727	-

RESOLUTION NO. 2-2023

**A RESOLUTION OF THE BOARD OF TRUSTEES
OF THE CONSOLIDATED MOSQUITO ABATEMENT DISTRICT
ADOPTING “RIGHT TO MONITOR” AS A DISTRICT POLICY**

WHEREAS, the BOARD OF TRUSTEES (Board) of the CONSOLIDATED MOSQUITO ABATEMENT DISTRICT (District) is determined to adopt standards, rules, and regulations to ensure the highest level of efficiency, accountability, safety and security for District staff and property.

WHEREAS, the safety and security of District personnel and property is best achieved with ongoing monitoring systems for staff and equipment while on the job.

WHEREAS, the District’s ability to respond in a timely manner to reports of employee activities and or safety concerns while in the field is maximized by ongoing monitoring systems.

NOW, THEREFORE, BE IT RESOLVED, that the BOARD OF TRUSTEES of the CONSOLIDATED MOSQUITO ABATEMENT DISTRICT does hereby approve and adopt “Right to Monitor”, attached and incorporated herein as Exhibit A, as a policy of the District.

PASSED AND ADOPTED by the Board of Trustees of the Consolidated Mosquito Abatement District on the 17th day of July 2023, by the following vote:

AYES:

NOES:

ABSENT:

Member, Board of Trustees
Consolidated Mosquito Abatement District

Member, Board of Trustees
Consolidated Mosquito Abatement District

SECTION 2135 – RIGHT TO MONITOR

2135.1 APPLICATION AND PURPOSE: In the District's ongoing effort to achieve the highest level of efficiency, accountability, services and safety, as well as to enhance security, the District reserves the right to monitor employees and others throughout the District's premises, and/or at the District worksites, either by way of direct observation or through use of electronic devices, including CCTV, monitoring of email, internet usage and electronic Global Positioning System (GPS) devices. The District may install GPS devices in vehicles and video cameras to monitor reception areas, work areas, and/or other generally open areas. Therefore, employees and others should have no expectation of privacy in open areas of the workplace, at worksites, or in their use of any District resources. Private areas, such as restrooms and changing rooms, are not monitored.

2135.2 The following principles will apply:

2135.2.1 When warranted, as determined by the District Manager, all digital monitoring records may be used to determine compliance with District policies and directives.

2135.2.2 All District employees will be notified when monitoring devices are installed and operational.

2135.2.3 Any attempt by an employee to disable, obstruct, or otherwise interfere with the monitoring systems may be subject to disciplinary action.

2135.2.4 Access to monitoring records will be restricted to the District Manager, or those designated by the District Manager to access the system.

Verizon Connect Reveal

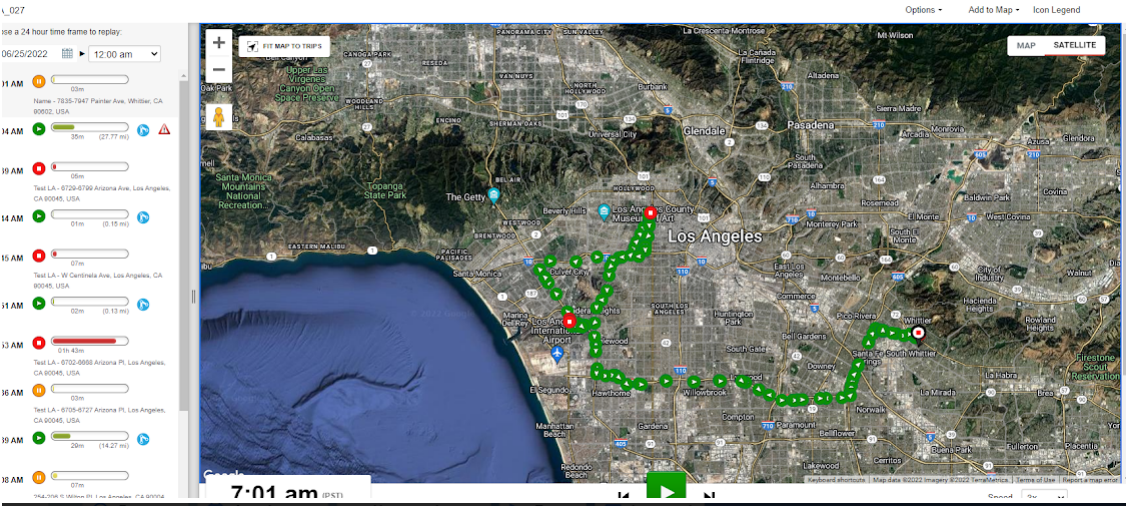
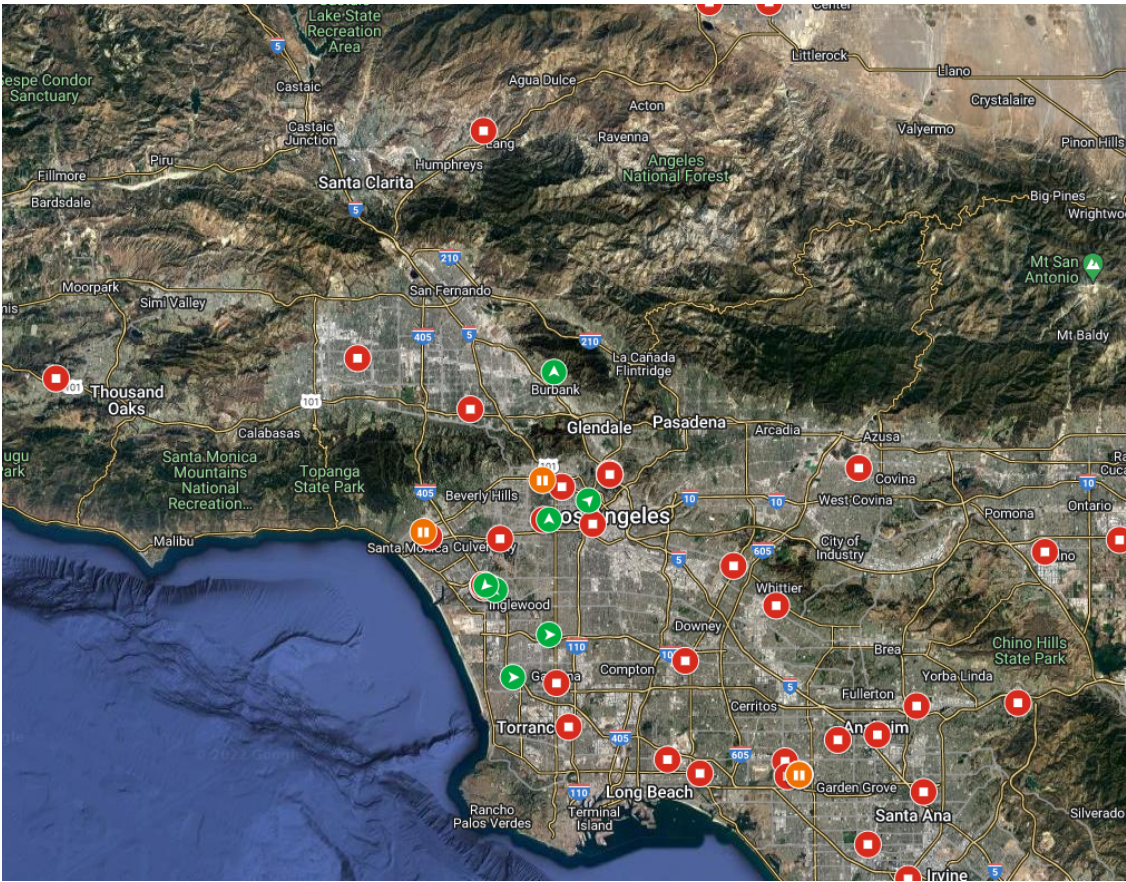
- Live map- with satellite view
- Geofence alerts, receive an alert when you leave a certain area, great for theft
- Maintenance for vehicles & reporting
- Automated Reports- emailed to you on the schedule you want
- Unlimited usernames & passwords, restrict data to only what they need
- Dashboards -ranking drivers safety scores to ensure safety compliance standards
- Mobile Ap- View everything on the ap

Product/Service	Cost Per Unit	Installation	Total Monthly Cost
50 Vehicles with AI dual Dash Cameras No charge on equipment	\$52.10	\$0.00 - Proposal is good through 6/23/2023	\$2605
50 Vehicles with AI Road Facing Dash Cameras No charge on equipment	\$46.00		\$2300
50 Vehicles- Tracking only No charge on equipment	\$18.95		\$947.50

Service Guarantee

1. Service Reliability - **99.7%** system uptime
2. No equipment cost or hidden fees.
3. Implementation manager included, get started with ease, customize to suit.
4. Free Automatic software upgrades (twice a year)
5. Free Google mapping updates
6. Free Training (initial & ongoing) and Technical Support/Service
7. Lifetime Warranty on equipment
8. Service Guarantee - Verizon will provide online training, upgrades in software and mapping (when available), and technical support at no additional charge for the duration of the agreement.

<https://youtu.be/HQRZZGwjt1w>



verizon connect Reveal

Distance Traveled Report

Created: 06/09/2022 4:59 PM | Report type: Distance Traveled Report | [Show Report Settings](#)

Report Totals for: 07/27/2021 - 08/25/2021

Total Distance (miles): 2343

VEHICLE ▲	ODOMETER AT START DATE	ODOMETER AT END DATE	DISTANCE TRAVELED DURING SHIFT TIMES
2012 Lexus CT200H	119368.22	120363.72	993.01
2019 GMC Yukon XL	34743.71	35754.31	1010.6
ZR2	31191.12	31530.8	339.68
Total Distance (miles)			2343

Fleet Summary Report

Created: 06/15/2022 11:00 AM

Report Totals for: 03/23/2022 - 03/29/2022

Days with Activity:
1533

Number of Stops:
13869

Max Speed (MO_VDD_Silverado):
93

Total Idle Time:
2080h 44m

Average Driving Duration:
9h 44m

Average Distance Traveled:
300

Average Idling Duration:
5h 52m

Total Engine Off:
13257h 33m

Total Engine On Time:
5669h 48m

Total Distance (miles):
106341

VEHICLE ▲	ACTIVE DAYS	ENGINE ON	DRIVING DURATION	IDLING DURATION	ENGINE OFF	DISTANCE (MILES)	MAX SPEED (MPH)	NUMBER OF STOPS
2012 Lexus CT200H	6	5h 22m	5h 10m	00m	20h 19m	146.07	60	30
AaronD	5	5h 05m	4h 36m	13m	5h 02m	168.97	82	18
Beth Dutton	2	12h 55m	7h 46m	5h 08m	6h 27m	205.56	82	12
CA_LB 1039	5	20h 53m	13h 45m	5h 57m	48h 53m	332.41	70	75
CA_LB 1040	4	21h 49m	18h 37m	2h 23m	25h 04m	722.39	75	76
CA_002	5	23h 18m	13h 08m	9h 43m	73h 09m	487.07	71	62
CA_003	5	15h 19m	13h 23m	1h 38m	42h 47m	458.12	79	23
CA_005	3	7h 25m	6h 57m	16m	27h 32m	255.02	81	14
CA_006	5	12h 23m	11h 24m	38m	34h 42m	421.69	85	24
CA_007	5	9h 51m	7h 40m	1h 57m	41h 32m	358.7	80	27
CA_008	5	12h 27m	7h 48m	4h 17m	65h 33m	217.69	81	26
CA_011	4	14h 19m	11h 14m	2h 47m	32h 41m	292.2	70	25
CA_013	5	10h 33m	9h 33m	38m	42h 22m	331.62	70	14
CA_014	5	12h 39m	12h 06m	22m	40h 57m	426.19	73	12
CA_016	4	19h 09m	10h 57m	7h 59m	20h 23m	346.95	81	39
CA_017	5	15h 41m	9h 57m	5h 21m	34h 35m	182.76	76	42
CA_019	4	8h 47m	8h 12m	32m	26h 50m	360.71	80	6
CA_021	5	6h 08m	5h 22m	34m	43h 16m	132.03	68	15
CA_022	3	15h 18m	5h 40m	9h 28m	54h 02m	174.7	73	25
CA_023	5	12h 00m	10h 43m	1h 04m	42h 55m	354.28	74	21

Reminders History Manage Service Plans Fuel Purchases

SHOWING 1 - 21 OF 21 SERVICE REMINDERS

CREATE A NEW SERVICE PLAN

Vehicle	Type	Service Name	Days to Go	Distance To Go	Engine Hours to Go
All Vehicles		All Service Plans			
LB 1018	📧	oil change		74.03 miles to go	✎
LB 1023	📧	oil change		764.13 miles to go	✎
LB 1031	📧	oil change		367.85 miles to go	✎
LB 1035	📧	oil change		977.63 miles to go	✎
LB 1057	📧	oil change		261.99 miles to go	✎
LB 1061	📧	oil change		992.11 miles to go	✎
LB 1062	📧	oil change		400.57 miles to go	✎
LB 1011	📧	oil change		52131.59 miles overdue...	✎
LB 1014	📧	oil change		96361.49 miles overdue...	✎
LB 1025	📧	oil change		148245.43 miles overdue...	✎
CA_LB 1039	📧	oil change		90205.88 miles overdue...	✎
CA_LB 1040	📧	oil change		115.02 miles overdue...	✎
CA_LB 1042	📧	oil change		81251.1 miles overdue...	✎
CA_LB 1043	📧	oil change		2333.09 miles overdue...	✎

Verizon Business Group
M 619,909,4227
Karla.Illia@verizonconnect.com



AGENDA ITEM 10: EMPLOYEE MEDICAL HEALTH BENEFITS PLAN

Background:

As part of the District's employment compensation package, regular and probationary employees qualify for and receive group health insurance with coverage as defined and provided in Section 2040.5.1.1 of the Employee Policy Handbook.

2040.5.1.1 Group health insurance includes accident, health, hospital, dental and vision insurance to cover non-occupational injuries and illness and shall be provided by the District to cover regular and probationary employees and qualified dependents. The scope of coverage and the payment of premiums are subject to periodic review by the Board.

The Basic Salary, Wage and Related Benefits Plan sets the current salary and wage schedules, as well as qualifications for benefits and benefit coverage. Currently, the District offers group health insurance, as defined in Section 2040.5.1.1, with coverage as follows: (a) regular employees hired before January 16, 2018, will be provided Tier 1 coverage, to include employee, spouse and qualified dependents, fully paid by District; and (b) regular and probationary employees hired after January 16, 2018, will be provided Tier 1 coverage, to include employee, spouse and qualified dependents, with District payments capped at \$1,250 per month for premiums and at \$4,500 for annual HSA (Health Savings Account) allowance. Seasonal and Temporary Employees do not qualify for nor receive group health insurance.

Group dental and vision insurance coverage is currently provided to regular employees through the Central California Vector Control Joint Powers Agency in which the District is a member agency.

The District provides for medical health insurance through the Special District Risk Management Authority (SDRMA). SDRMA offers several medical health plans and the District selects which plans are made available for employees. The District offers Anthem Blue Cross HDHP 20 and Kaiser HMO 20, and employees have currently selected one or the other of these two plans. The HDHP plan is a high deductible, HSA qualified plan and the District contributes to the employee's HSA account to cover the high deductible portion (\$3,000 employee or \$6,000 employee with dependents). Another plan, Anthem Blue Cross Silver PPO, is also offered as an additional choice. No employees are currently on this plan. A comparison of health insurance costs is attached.

Rates for the medical plans are set on a yearly basis from January 1 to December 31. The SDRMA has issued the new rates which will be in effect guaranteed for 2024 through January 1, 2025. Rates for all medical plans will increase by 15% for 2024.

The scope of coverage and payment of premiums for the group health insurance plans are subject to review by the Board. The current fiscal year 2023-2024 budget as approved on June 19, 2023, has sufficient monies to fund the 15% increase in premiums.

Action requested:

The Board will review the scope of coverage and payment of premiums for the group health insurance plans provided to the regular and probationary employees of the District.

Subject: 2024 Health Benefits Brochure and Rates

Date: 6/29/2023

Message:

We want to thank you for your participation and support of the SDRMA benefits program. This year marks 17 years that SDRMA has been an administrator of the Small group Health Benefits Program under Public Risk Innovation, Solutions, and Management (PRISM).

Each year, the medical benefits renewal is based on a 12-month rating/claim period. For the 2024 renewal, the 12-month rating/claim period was from March 2022-February 2023 (based on available claims data at the time the renewal is calculated). During this timeframe, the PRISM and SDRMA Programs saw the following factors drive high medical inflation for the 2024 medical renewal.

- Higher than historical trend
- High catastrophic claims
- Increase in baseline medical costs and fees paid to providers stemming from higher labor costs, clinical staffing shortages, and overall inflation on supply chain costs
- Approval and expanded use of new medical technology and procedures
- Rising costs of prescription drugs and specialty medications

Listed in the below table is the percentage increase effective January 1, 2024, for medical plans as well as other benefit plans.

The attached 2024 SDRMA Health Benefits brochure includes the final 2024 rates for SDRMA benefit plans as approved by the PRISMHealth Committee on May 24, 2023. Per the IRS 2024 updates to High Deductible Health Plan (HDHP) minimums/maximms, SDRMA's HDHP 10 deductible will increase from \$1,500 individual/\$3,00 family to \$1,600 individual/\$3,200 family effective January 1, 2024. The 2024 SDRMA Health Benefits brochure rates reflect the change to the HDHP 10 deductibles. Please note Kaiser Medicare rates are set to be released by the end of August 2023. SDRMA will send an updated brochure with Kaiser Medicare rates to agencies who offer the plan.

Your agency's current SDRMA benefit plans will automatically renew for 2024 unless we receive a written withdrawal notice by September 1, 2023. ***If your agency would like to make any plan changes effective January 1, 2024, such as changing a medical plan or adding a medical plan, SDRMA must be notified of the plan changes no later than August 14, 2023, to ensure the plan changes are built in our system in time for Open Enrollment.***

SDRMA will hold a Renewal and CalPERS update meeting via zoom on July 11, 2023, at 9:00 a.m. Please keep an eye out for the calendar invite this month.

MEDICAL BENEFIT RATES FOR 2024 – GUARANTEED UNTIL JANUARY 1, 2025

PLAN	Employee	Employee + 1	Employee + 2 or More
	Gold PPO	\$1,141.24	\$2,274.24
Platinum PPO	\$1,255.57	\$2,497.75	\$3,248.62
Silver PPO	\$820.91	\$1,638.73	\$2,124.89
Bronze PPO	\$751.90	\$1,501.74	\$1,946.70
EPO	\$1,271.02	\$2,530.71	\$3,287.76
HDHP 10	\$1,002.19	\$1,998.20	\$2,594.57
HDHP 20	\$824.00	\$1,646.97	\$2,142.40
Access+ HMO 15	\$1,231.88	\$2,462.73	\$3,194.03
Access+ HMO 20	\$1,147.42	\$2,285.57	\$2,972.58
Kaiser HMO 15	\$1,036.18	\$2,042.49	\$2,648.13
Kaiser HMO 20	\$989.83	\$1,950.82	\$2,529.68

**AREA IV - Southern CA:
Other Counties**
Fresno,* Imperial, Inyo, Kern, Kings, Madera, Riverside, Orange, San Diego, San Luis Obispo, Santa Barbara, Tulare

*Fresno County: For Kaiser Active and Early Retiree rates please refer to Area VI rates per Kaiser Guidelines.

PLAN	Employee	Employee + 1	Employee + 2 or More
	Gold PPO	\$1,337.97	\$2,672.85
Platinum PPO	\$1,463.63	\$2,930.35	\$3,805.85
Silver PPO	\$962.02	\$1,921.98	\$2,495.69
Bronze PPO	\$880.65	\$1,761.30	\$2,286.60
EPO	\$1,563.54	\$3,125.02	\$4,064.38
HDHP 10	\$1,149.48	\$2,293.81	\$2,984.94
HDHP 20	\$941.42	\$1,881.81	\$2,447.28
Access+ HMO 15	N/A	N/A	N/A
Access+ HMO 20	N/A	N/A	N/A
Kaiser HMO 15	N/A	N/A	N/A
Kaiser HMO 20	N/A	N/A	N/A

**AREA V - Out of State
Early Retirees Only**

PLAN	Employee	Employee + 1	Employee + 2 or More
	Gold PPO	\$1,170.08	\$2,340.16
Platinum PPO	\$1,280.29	\$2,560.58	\$3,325.87
Silver PPO	\$843.57	\$1,689.20	\$2,196.99
Bronze PPO	\$772.50	\$1,548.09	\$2,012.62
EPO	\$1,367.84	\$2,739.80	\$3,556.59
HDHP 10	\$1,027.94	\$2,061.03	\$2,676.97
HDHP 20	\$848.72	\$1,696.41	\$2,204.20
Access+ HMO 15	\$1,377.11	\$2,755.25	\$3,583.37
Access+ HMO 20	\$1,278.23	\$2,561.61	\$3,328.96
Kaiser HMO 15	\$1,210.25	\$2,392.69	\$3,100.30
Kaiser HMO 20	\$1,166.99	\$2,307.20	\$2,989.06

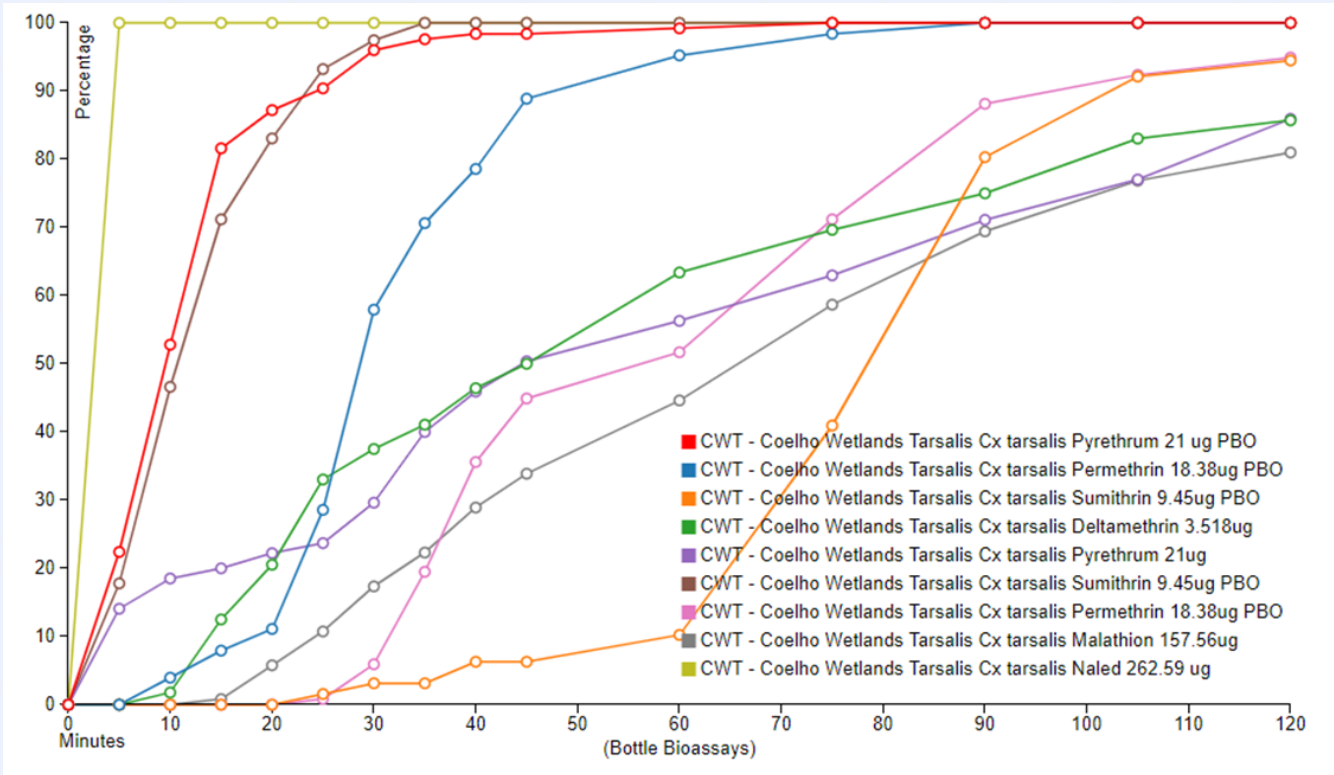
**AREA VI - Northern CA:
Sacramento**
El Dorado, Placer, Sacramento

*Fresno County Kaiser Active and Early Retiree Rates

Rates shown are for active, early retiree and public officials.

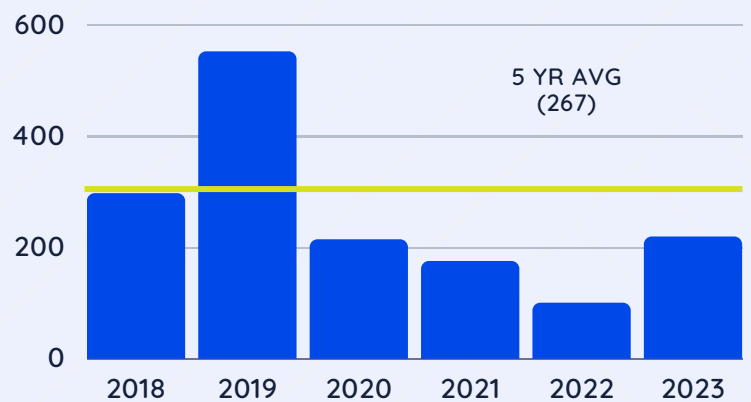
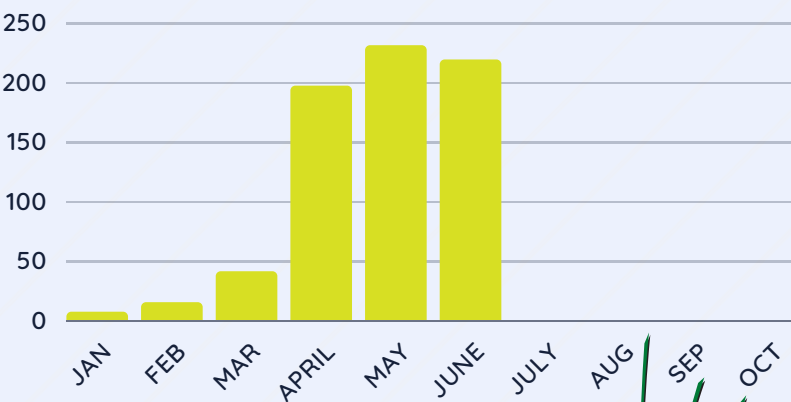
Insecticide Resistance

Regular resistance testing helps monitor the spread and intensity of resistance in insect populations over time. This information is crucial for understanding the dynamics of resistance and developing proactive strategies to manage it. Area Supervisor, Katherine Brisco ran a series of bottle bio-assays to determine insecticide resistance profiles for *Culex tarsalis* mosquitoes in areas that have been difficult to control.



2023 Service Requests

June Service Requests 2018-2023



Field Operations

6,723

Site Inspections/Visits

2,947*

Treatments

44%

Percent of site visits requiring treatment

*Does not include catch basin or utility vault treatments