

Manager's Report

To the SC-OR Commissioners by Glen Sturdevant
on March 20, 2025

Operations & Maintenance

There were no operational issues this month.

We had a State Water Resources Control Board inspection and everything seemed to go wonderfully; we have not received the report yet, however. I will report to board if there are any issues.

Solar

We are bringing 3 proposals for solar installation for discussion and direction. We like 2 of the approaches and believe the methods fit SC-OR's needs the best.

Funding

We are bringing a resolution regarding our Cyber Security Grant that we have been approved for; the resolution authorizes SC-OR's contracted IT company, Stratti, to act on SC-OR's behalf when dealing with the grant.

Closed Session Policy

We are bringing a policy for discussion and potential adoption to create a mechanism for the sharing of sensitive closed session information when it may have a potential negative impact on the individual member entities.

Budget

I will have a draft copy of the 25/26 budgets for you board members to take home and review on Tuesday night. If there are any questions or comments, please reach out so that I may make changes before the April meeting.

Flows Report

We have made some changes to the monthly flows report to show each entity's EDU count, and the remaining EDUs (capacity) at SC-OR.

Projects

Plant Upgrade

- We are having our pre-construction meeting with *Meyers and Sons Construction* for Phase 1 of the plant upgrade on 3-27-2025. The notice to proceed will be issued on 3-29-2025.

East Interceptor

- *Duke Sherwood Contracting* is about 75% complete with the East Interceptor replacement project; they should be connecting both ends of the pipe in the next couple of weeks (weather permitting).

RCPS

- We received the 90% plan set, and they are under review by SC-OR staff. We will have a meeting with the design team to make any changes that might be necessary, and should be completing design in the next month or so barring any setbacks with PG&E or Cal Trans permitting.

ENTITIES REPORTS

TWSD

- We are having a JPA meeting with the county on Monday, March 24th

City of Oroville

- We are having a JPA meeting with the county on Monday, March 24th.
- Ryan Jones (SCOR Attorney) and I met with City Administer Brian Ring and City attorney Dave Ritchie to discuss the reimbursement agreement as well as the construction estimate we received on the new Ruddy Creek Pump Station.

LOAPUD

- We are having a JPA meeting with the county on Monday, March 24th
- I met Dave Goyer, LOAPUD Manager, and former SC-OR board member and current LOAPUD Director, Dee Fairbanks, at the east interceptor replacement project site to show the progress to Director Fairbanks. Mr. Fairbanks is retiring after years as a dedicated public servant, and wanted to see this project come to fruition before he was done. I am happy to say we will have that accomplished here very shortly.

MINUTES OF THE REGULAR MEETING OF THE SEWERAGE COMMISSION - OROVILLE REGION

(Held at the Commission office on February 25, 2025 at 5:00 p.m.)

1. Call to Order ❖

Chairman Pittman called the meeting to order at 5:00 p.m.

2. Roll Call ❖

Commissioners present were Mastelotto and Salvucci from the Lake Oroville Area Public Utility District, Pittman and Goodson from the City of Oroville, and Koch and Clark from the Thermalito Water and Sewer District. Staff present was Manager Glen Sturdevant and Plant Supervisor Mikah Salsi, along with Attorney Ryan Jones and Scott Drexel from Jones Mayer.

3. Salute to the Flag ❖

Manager Sturdevant led the commissioners and staff in the salute to the flag.

4. Acknowledgment of Visitors ❖

None

5. Board Meeting Minutes of the Regular Meeting held on January 28, 2025 ❖

Upon motion by Commissioner Salvucci to approve the minutes of the meeting, and second by Commissioner Koch, the minutes of the January 28, 2025 regular meeting were unanimously approved.

6. Authorization of Warrants ❖

Commissioner Goodson met with Manager Sturdevant and reviewed the warrants earlier, and having found everything to be in order made a motion for their approval. The motion was seconded by Commissioner Salvucci. Warrants 30205-30256 in the total amount of \$759,823.69 from January 29 to February 25, 2025, including Commissioner fees and electronic fund transfers, were unanimously approved and ordered paid.

7. Fiscal Reports ❖

Manager Sturdevant stated the fiscal reports for January 2025 were in the packets for review. There were no questions expressed and nothing further to report.

8. Closed Session Policy ❖

Manager Sturdevant reported that at the request of the board he was asked to create a policy to give the Commissioners the opportunity to take what is learned in SC-OR's closed sessions back to the respective boards that could directly affect an entity in a negative way.

Commissioner Koch said in section 4, subsection a. of the proposed policy it states: "Commissioners may disclose on a case-by-case basis, as determined by the SC-OR commissioners, to the governing bodies of their Member Entity any information learned in a SC-OR closed session hearing when the information relates to the official business of the Member Entities, and is critical for their awareness." He said that if there is a vote to allow information to be disclosed to the member entities, it doesn't specify if it would be a majority vote or unanimous vote. He discussed this policy language with the TWSD board, and their attorney suggested language that would be helpful if added, stating, "Commissioners may disclose to a governing body of a member entity any information learned in a SC-OR closed session hearing where the information relates to the official business of the member entity and is critical for their awareness." Commissioner Koch would hate to have information that needed to be brought to a board, but have it voted down by the other board members of the commission. It needs to be better defined in the policy. Attorney Ryan said those were great points. He suggested it should be a majority vote, because that is typically how anything is passed. Commissioner Mastelotto asked if it could just be a disclosure, so if it only affects one entity, could one of their board members come into the SC-OR closed session and state a reason why they believe they need to share the information with their entity's board. Manager Sturdevant said that could work, but if they do not disclose to the SC-OR board that they are going to report it, it would be an illegal act. There should be a consensus of the SC-OR board for the disclosure.

Attorney Ryan said we have direction on how to restate the policy, and will bring it back next month for adoption consideration.

9. Amendment to Jacobs Engineering Task Order No. 20 (General Consulting Services) ❖

Manager Sturdevant stated this task order is for general engineering services, so when we have engineering questions or issues, there are monies designated for the costs of these engineering consultations. We are asking for an additional \$40,000.00.

A motion was made by Commissioner Koch to approve the amendment to the General Consulting Services Task Order No. 20 with Jacobs Engineering for an amount not to exceed \$40,000.00. The motion was seconded by Commissioner Salvucci, and passed by the following vote: Mastelotto – Yes, Pittman – Yes, Koch – Yes.

10. Jacobs Engineering Task Order No. 29: SC-OR Wastewater Treatment Plant Upgrade Package 1 – SCADA Integration and Programming ❖

Manager Sturdevant explained that we will be getting a SCADA program in the upgrade, which is part of the grant monies that we've been awarded which he reported on at the January meeting. \$600,000.00 will be for computer servers, computers, etc.; the rest is for commissioning.

A motion was made by Commissioner Salvucci to approve Task Order No. 39 with Jacobs Engineering for SCADA Integration and Programming as part of the SC-OR Wastewater Treatment Plant Upgrade Package 1 for an amount not to exceed \$1,135,887.00. The motion was seconded by Commissioner Mastelotto, and passed by the following vote: Mastelotto – Yes, Pittman – Yes, Koch – Yes.

11. Consider a Proposal from Your Favorite Bookkeeper, LLC for Bookkeeping Service to make SC-OR GAAP Compliant ❖

Manager Sturdevant explained that as we have been going through funding requests, and talking to different lenders, we have been informed that we are required to be GAAP (Generally Accepted Accounting Principles) compliant, and we are not. Plant Supervisor Salsi contacted many accounting firms, and none would even entertain taking SC-OR as a client. We got a proposal from a national firm, CLA, that would cost over \$6,000/month. Mikah found a woman who used to work for CLA, but quit and opened her own bookkeeping firm. She is who we would like to use to become GAAP compliant. Her proposal is for \$1,750/month.

A motion was made by Commissioner Goodson to approve the proposal from Your Favorite Bookkeeper, LLC for bookkeeping services to make SC-OR GAAP compliant in an amount of \$1,750/month. The motion was seconded by Commissioner Mastelotto, and passed by the following vote: Mastelotto – Yes, Pittman – Yes, Koch – Yes.

12. City – Information – City of Oroville is Considering an Impact Fee Deferment Policy ❖

Chairman Pittman had asked for this item to be put on the agenda for informational purposes and for the sake of transparency. The city has come up with an innovative way to handle impact fees for certain projects. It gives the developer a 10-year deferment on impact fees. They are not reducing impact fees, but making it more accommodating for the developer. The city will charge interest over the 10 years. Commissioner Salvucci asked how the city was protected if the developer starts the project and then walks away. Chairman Pittman said it will be billed on the property taxes for the project. There is an apartment project (174 apartments) they are doing this for the first time with. The development will include its own park, so the development will not pay park impact fees to the city. It will be a gated community with 24-hour security. Commissioner Salvucci asked how the water entity will get paid. Chairman Pittman said they would get paid the same as they always do, once the apartments are occupied. He said down the line it may be something that the water and sewer entities could look at doing.

13. Attorney's Report ❖

Attorney Jones said he did not have an update on the litigation. He introduced Scott Drexel from his firm.

14. Manager's Report ❖

Manager Sturdevant reported that there were no operational issues this past month. He reported on the last couple of rain events, and said in his 12½ years at SC-OR, they produced the highest flows that he's seen at our plant. Manager Boucher from TWSD said in his 35 years there, he has not seen this much water either. The land use entities need to revisit their drainage studies. If it had not stopped raining, we would have had problems. We had both pumps on at each pump station and were losing ground. The new influent pump station definitely helped. We pumped a peak of 28M gallons. Our emergency ponds were near capacity. He said that Mikah was the on-call supervisor and did an excellent job of keeping things moving.

We are still trying to get one more quote for solar. We may only have two proposals to bring to the meeting next month.

We received an update on the Congressman LaMalfa grant that was approved a couple of years ago. Because they decided we could not use that money for the upgrade project because we have other monies from a grant for that, we had to decide where that money could be used. We determined the pond relining project would be a great place to put these grant monies towards, and they loved it. Because we already did an environmental document on the whole plant for the upgrade project, it fast-tracked it. We plan to apply again for that grant money this fiscal year.

We held a JPA meeting with the member entities on February 10th, which was attended by Jayme Boucher and Chris Heindel of TWSD, Dave Goyer and Vince Victorino of LOAPUD, and Brian Ring and Patrick Piatt from the City. We talked about the development process to try to make sure SC-OR gets the information on development that is needed

He reported:

- The east interceptor project has started
- We have a state inspection tomorrow (Feb. 26, 2025)
- We start Administrative Assistant interviews on Tuesday. We have 7 candidates from 15 applicants. Carolyn from TWSD will help with the interviews.

15. Visitor Comments ❖

None

16. Commissioner and Staff Comments ❖

Chairman Pittman mentioned that the Housing Authority is working on many projects county-wide. The county still has a need for affordable housing; there are about 6,000 still on the list for that. We did get approval on 61 senior apartments for Lincoln to begin construction in May.

The Riverbend apartments flooding was finally acknowledged by the developer, who will be taking care of the issues. They have flooded twice.

17. Adjournment ❖

There being no further business, the meeting was adjourned at 5:44 p.m. to the regular meeting scheduled for March 25, 2025 at 5:00 p.m.

Respectfully submitted,

GLEN E. STURDEVANT, CLERK

SEWERAGE COMMISSION - OROVILLE REGION
BUDGETARY SUMMARY - FISCAL YEAR 2024/2025

DESCRIPTION	Adopted Budget 2024/25	Expended This Month	Expended Through 02.28.2025	Balance of Funds Remaining	Time Left 33%
SALARIES & WAGES	1,063,500	82,799.75	656,891.52	406,608.48	38%
EMPLOYEE BENEFITS	805,978	45,981.28	594,544.09	211,433.91	26%
COMMISSIONERS' FEES	43,200	3,600.00	28,800.00	14,400.00	33%
CMSNRS FICA & MEDICARE	3,305	275.40	2,203.20	1,101.80	33%
GAS, OIL & FUEL	30,000	768.63	18,890.89	11,109.11	37%
INSURANCE	145,000	0.00	138,126.91	6,873.09	5%
MEMBERSHIPS	12,000	300.00	10,193.00	1,807.00	15%
OFFICE EXPENSES	10,000	1,136.97	7,925.21	2,074.79	21%
OPERATING SUPPLIES	345,000	26,861.43	145,175.85	199,824.15	58%
PROFESSIONAL SERVICES	176,000	3,000.00	119,250.93	56,749.07	32%
PRINTING & PUBLICATIONS	3,000	335.00	335.00	2,665.00	89%
REPAIRS & MAINTENANCE	135,000	3,805.08	104,355.16	30,644.84	23%
BIOSOLIDS DISPOSAL	30,000	0.00	12,750.00	17,250.00	58%
MONITORING & COMPLIANCE	110,000	8,398.14	81,454.24	28,545.76	26%
TRAINING & MEETINGS	16,000	318.20	5,364.70	10,635.30	66%
UTILITIES	752,150	529,205.50	652,793.35	99,356.65	13%
CONTINGENCY	367,890		0.00	367,890.00	100%
TOTAL OPERATING	4,048,023	706,785.38	2,579,054.05	1,468,968.95	36%
Engineering Fees	0.00				
Legal Fees	3,000.00				
Auditing Fees	0.00				
Permits	0.00				
Miscellaneous	0.00				
	<u>3,000.00</u>				

SEWERAGE COMMISSION - OROVILLE REGION

REVENUE SUMMARY - FISCAL YEAR 2024/2025

DESCRIPTION	Received	Received	Restricted	Regulatory &	Restricted	Restricted	Restricted	Restricted
	This	Through						
	Month	02.28.25	Funds	Funds	Funds	Funds	Funds	Funds
SERVICE CHARGES	0.00	1,219,272.68	1,219,272.68				0.00	
SEPTAGE DUMPERS	3,463.20	82,588.08	82,588.08					
EX. PEAK FLOWS	0.00	0.00					0.00	
EX. MO. FLOWS	0.00	0.00	0.00					
OTHER AGENCIES	332,547.66	332,988.48	332,988.48					
RFC CHARGES	26,552.00	73,018.00				73,018.00		
INTEREST	0.00	453,253.55	178,508.10		19,655.34	152,338.08	102,543.54	208.49
R&CA (Regulatory & capital	0.00	1,463,991.96		1,463,991.96				
WCRF	0.00	118,050.84		118,050.84				
TOTALS	362,562.86	3,743,163.59	1,813,357.34	1,616,330.04	137,706.18	175,561.54	0.00	208.49

**SEWERAGE COMMISSION - OROVILLE REGION
ACTIVE & INACTIVE CASH - MONTHLY RECAP
FISCAL YEAR 2024/2025**

	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
Cash - Unrestricted	8,223,087.68	7,799,370.75	7,682,390.80	8,903,842.52	7,972,593.88	7,789,663.96	8,189,464.08	9,845,751.54				
Cash - Restricted												
WCRF	971,286.04	843,071.04	852,884.87	852,884.87	895,762.55	905,604.06	950,777.22	950,777.22				
R&CA	6,353,399.39	6,353,399.39	6,427,364.04	6,427,364.04	7,140,276.93	7,211,893.08	7,961,976.15	7,961,976.15				
Cap. Outlay	4,541,648.39	4,369,259.66	4,422,693.44	4,444,688.37	4,336,320.86	4,135,076.28	4,108,365.78	4,083,292.13				
Ann. M & O	216,713.50	214,153.00	209,634.00	200,379.50	188,473.00	181,654.00	172,344.91	163,885.56				
Fines&Pen	9,107.11	9,107.11	9,213.46	9,213.46	9,213.46	9,315.60	9,315.60	9,315.60				
TOTAL CASH	20,315,242.11	19,588,360.95	19,604,180.61	20,838,372.76	20,542,640.68	20,233,206.98	21,392,243.74	23,024,998.20				
INTEREST ALLOCATED:												
Unrestricted			88,050.67			90,457.43						
Reserve/WCRF			9,813.83			9,841.51						
Reserve/CO			54,346.03			48,197.51						
Reserve/M&O			0.00			0.00						
Reserve/F&P			106.35			102.14						
Reserve/RCA			73,964.64			78,373.44						
CONSISTING OF:												
Checking Accounts	1,452,915.14	151,033.98	340,572.12	1,913,410.75	250,453.82	290,390.08	1,132,749.70	303,840.89				
Money Market Account			3,000,000.00	3,011,353.52	4,378,578.37	4,395,149.13	5,011,826.27	7,473,489.54				
L.A.I.F. & CLASS Accounts	18,862,326.97	19,437,326.97	16,263,608.49	15,913,608.49	15,913,608.49	15,547,667.77	15,247,667.77	15,247,667.77				
TOTAL CASH	20,315,242.11	19,588,360.95	19,604,180.61	20,838,372.76	20,542,640.68	20,233,206.98	21,392,243.74	23,024,998.20				
% of Funds Invested	92.85%	99.23%	98.26%	90.82%	98.78%	98.56%	94.70%	98.66%				

Sewerage Commission - Oroville Region

Bank Reconciliation - Golden Valley Bank

Fiscal Year Ended 30 June 2025

BALANCE PER BANK

Ending Balance on Bank Statement	28-Feb-25	392,620.35
Less Outstanding Warrants		(88,799.46)
Equals Adjusted Bank Balance at	28-Feb-25	<u>303,840.89</u>

BALANCE PER BOOKS

Beginning Prior Checkbook Balance	29-Jan-25	<u>1,132,749.70</u>
Deposits		1,040,086.16
Less Warrants Written		(1,815,195.30)
Less Net Payroll Warrants		(53,958.56)
Equals Adjusted Checkbook Balance	28-Feb-25	<u>303,840.89</u>

SEWERAGE COMMISSION - OROVILLE REGION
 GOLDEN VALLEY BANK MONEY MARKET ACCOUNT
 FISCAL YEAR 2024/2025

Date Detail	Deposits	Withdrawls	Balance	IntRate
1-Oct-24 Balance Forward			3,000,000.00	
31-Oct-24 Interest earned	11,353.52		3,011,353.52	4.460%
7-Nov-24 Deposit (closed out BofA Acct)	352,236.38		3,363,589.90	
7-Nov-24 Transfer from checking	1,000,000.00		4,363,589.90	
30-Nov-24 Interest earned	14,988.47		4,378,578.37	
31-Dec-24 Interest earned	16,570.76		4,395,149.13	
29-Jan-25 Transfer from checking to MM	600,000.00		4,995,149.13	
31-Jan-25 Interest earned in January	16,677.14		5,011,826.27	
3-Feb-25 Transfer from checking to MM	790,000.00		5,801,826.27	
14-Feb-25 Transfer to checking		515,000.00	5,286,826.27	
20-Feb-25 Transfer from checking to MM	322,000.00		5,608,826.27	
24-Feb-25 Transfer to checking		154,000.00	5,454,826.27	
28-Feb-25 Interest earned in Feb	18,663.27		5,473,489.54	

SEWERAGE COMMISSION - OROVILLE REGION
CALIFORNIA CLASS ACCOUNT
FISCAL YEAR 2024/2025

Date Detail	Deposits	Withdrawls	Balance	IntRate
27-Jan-25 BEGINNING BALANCE			7,623,000.00	
31-Jan-25 Dividend reinvestment (interest)	4,625.83		7,627,625.83	
28-Feb-25 Dividend reinvestment (interest)	25,833.03		7,653,458.86	

SEWERAGE COMMISSION - OROVILLE REGION

LOCAL AGENCY INVESTMENT FUND

FISCAL YEAR 2024/2025

Date Detail	Deposits	Withdrawals	Balance	IntRate
30-Jun-24 Balance Forward			19,109,901.33	
1-Jul-24 Withdrawal - Warrants		(250,000.00)	18,859,901.33	
8-Jul-24 Withdrawal - Payroll & Warrants		(60,000.00)	18,799,901.33	
12-Jul-24 Qtrly interest rec'd	212,425.64		19,012,326.97	
18-Jul-25 Withdrawal - Warrants		(150,000.00)	18,862,326.97	
7-Aug-24 Deposit	900,000.00		19,762,326.97	
12-Aug-24 Withdrawal - Warrants		(100,000.00)	19,662,326.97	
26-Aug-24 Withdrawal - Warrants		(225,000.00)	19,437,326.97	
17-Sep-24 Withdrawal - Payroll & Warrants		(100,000.00)	19,337,326.97	
27-Sep-24 Withdrawal - Establish new accts		(3,300,000.00)	16,037,326.97	
30-Sep-24 Qtrly interest rec'd	226,281.52		16,263,608.49	
11-Oct-24 Withdrawal - Warrants		(350,000.00)	15,913,608.49	
12-Dec-24 Withdrawal - Warrants		(550,000.00)	15,363,608.49	
31-Dec-24 Qtrly interest rec'd	184,059.28		15,547,667.77	
7-Jan-25 Funds transfer to GVB		(300,000.00)	15,247,667.77	
21-Jan-25 Transfer to CA CLASS Acct		(7,623,000.00)	7,624,667.77	
28-Feb-25 No activity				

RESOLUTION 01-25

SEWERAGE COMMISSION - OROVILLE REGION

A RESOLUTION AUTHORIZING STRATTI IT BUSINESS SOLUTIONS, AN INFORMATION TECHNOLOGY CONTRACTOR OF SC-OR, TO APPLY FOR FEDERAL FINANCIAL ASSISTANCE FROM THE DEPARTMENT OF HOMELAND SECURITY ON SC-OR'S BEHALF

WHEREAS, the Sewerage Commission – Oroville Region (“SC-OR”) is currently under contract with Stratti IT Business Solutions (Stratti), for IT support, computer maintenance and security services;

WHEREAS, SC-OR has contracted with Stratti for the last 15 years, has known Stratti to be a reputable company, and has provided quality IT support;

WHEREAS, SC-OR does hereby authorize Stratti, to act as it's agent, to apply for Federal Financial assistance from the Department of Homeland Security, on behalf of SC-OR.

NOW THEREFORE, BE IT RESOLVED by the Sewerage Commission - Oroville Region as follows:

1. Stratti IT Business Support Services is hereby authorized to execute for and on behalf of The Sewerage Commission – Oroville Region, a public entity established under the laws of the State of California, any actions necessary for the purpose of obtaining federal financial assistance provided by the Federal Department of Homeland Security and sub-granted through the State of California for the following Grant Award: State and Local Cybersecurity Grant Program (SLCGP) 2024.

PASSED AND ADOPTED this 25th day of March 2025 at the regular meeting of the Sewerage Commission - Oroville Region, duly noticed and conducted in the SC-OR offices, by the following vote:

AYES:

NOES:

ABSTAIN:

David Pittman, Chairman

ATTEST:

Glen E. Sturdevant, Clerk

- a. Commissioners may disclose on a case-by-case basis to the governing bodies of their Member Entity any information learned in a SC-OR closed session hearing when the information relates to the official business of the Member Entity and is critical for their awareness. Any closed session disclosure must be first be disclosed to the SC-OR Board and have a general consensus of the SC-OR Board before the disclosure is made. If a disclosure is authorized by the Commissioners, the disclosure to the governing bodies of the Member Entities must take place in a closed session setting of the Member Entities.

This policy does not purport to affect the procedural rules of Member Entities concerning the time, place and manner in which public matters are considered. Commissioners similarly remain bound by any applicable confidentiality laws or lawful agreements that would otherwise prohibit sharing information learned in a closed session with any third party.

**FIRST AMENDMENT TO AGREEMENT FOR LEGAL SERVICES
FOR THE SEWERAGE COMMISSION – OROVILLE REGION**

The February 28, 2022 Agreement (“Agreement”) by and between the law firm of Colantuono, Highsmith & Whatley, PC a California professional corporation (“the Firm”), and the Sewerage Commission – Oroville Region, a joint powers authority (“SC-OR”) is hereby amended to adjust rates as follows:

The cap on the Firm’s standard hourly rates is increased, effective April 1, 2025, from \$325 per hour to \$350 per hour.

IN WITNESS WHEREOF, the duly authorized representatives of the parties have caused this Agreement to be executed as of March 25, 2025.

ATTEST:

Sewerage Commission – Oroville Region

Glen Sturdevant
Manager/Superintendent

By: _____
David Pittman, Chairman

Colantuono, Highsmith & Whatley, PC

By: _____
Michael G. Colantuono
Vice President

BOARD POLICY

Sewerage Commission - Oroville Region

**TITLE: Disclosing Information from Closed Session
With Member Entities**

NUMBER 5330

ADOPTION DATE: 25 March 2025

Background

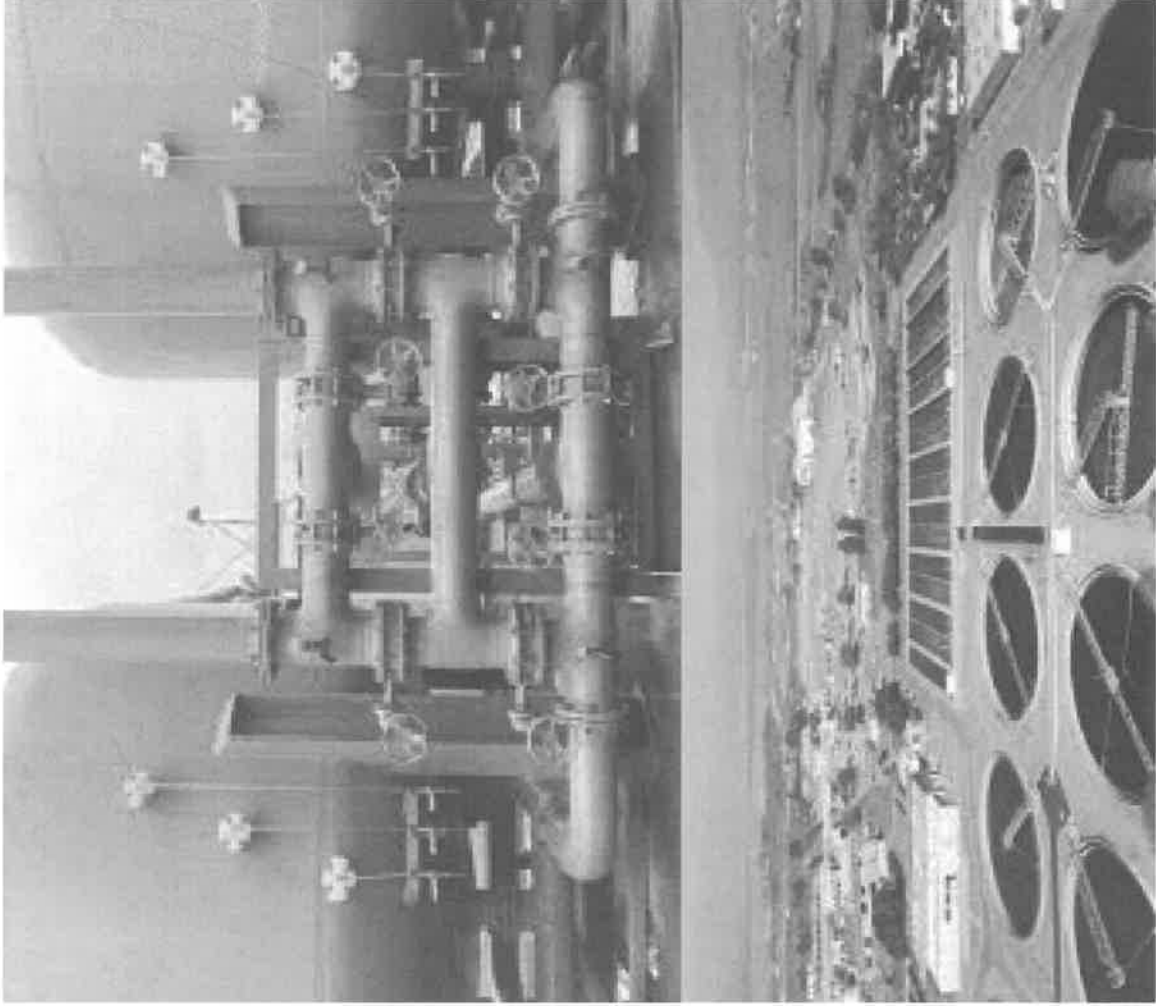
1. The Sewerage Commission-Oroville Region (SC-OR) was established under a Joint Powers Authority (JPA) agreement between three agencies: the City of Oroville, Thermalito Water and Sewer District, and Lake Oroville Area Public Utility District (“Member Entities”).

2. SC-OR is governed by a six-person Board of Commissioners, consisting of two Commissioners appointed by each Member Entity. The Commission has an ethical duty to serve the needs of these Member Entities. Accordingly, the Commissioners’ Code of Ethics, No. 5100, provides in pertinent part that “[t]he needs of the Commission’s member entities should be the priority of the Board of Commissioners.”

3. To conduct SC-OR business, the Board of Commissioners must, like all public agencies in California, from time-to-time convene closed sessions to consider certain confidential matters when permitted under the “Brown Act” (Government Code §§ 54950 et seq.). However, no policy currently exists governing the confidentiality of such closed session hearings relative to the Member Agencies, namely, whether SC-OR Commission Members may inform their officials from the appointing Member Entities of the substance of matters discussed in closed session when those matters affect the needs of their Member Entities.

Policy

4. SC-OR Commissioners are mindful of the serious and legal obligation to keep closed session discussions confidential. To promote clarity, consistency of practice, and further the ethical duties of Commissioners to act in the best interest of the Member Entities, the Board of Commissioners hereby enacts the following policy:



Oroville Sewerage Renewable Proposal

How to Achieve Energy Resiliency and Cost
Optimization for the future

Orville Sewerage Energy Usage



Oroville Sewerage Commission has an extremely flat load

As you can see your solar is overproducing between the 10:00AM to 4:00PM periods for most months

Sewerage Plant Rate Analysis

75%
5 year average increase of B-6 tariff

B-6 TOU	Single phase service per meter/day =-\$0.32854; Polyphase service per meter/day =-\$0.82136.	Jan-20		Jan-25 % Increase	
		On-Peak	Off-Peak	On-Peak	Off-Peak
Summer	On-Peak	\$0.36	\$0.68	90.20	
	Off-Peak	\$0.24	\$0.42	76.16	
Winter	On-Peak	\$0.25	\$0.43	73.22	
	Off-Peak	\$0.23	\$0.39	69.09	
	Super Off-Peak	\$0.21	\$0.35	65.16	

- **Qualification on existing B-6 rate**

Based on current usage, Sewerage plant should not qualify for B-6, as max demand is more than 75kw for 3-month period. Could only stay on rate if an exemption was provided in March 2017

- **Requirement to Move Rate**

Customers exceeding 75kw must move to B-10 or B-19 instead.

- **Rate increases accelerating**

Last year B-6 increased by 30%, your cost for 2025 will increase by \$80K a year

Rate Schedule	Customer Charge (\$ per meter, per day)	Season	Time-of-Use Period	Demand Charge (\$ per kW)	Time-of-Use Period	Total Energy (\$ per kWh)
B-19 TOU	Mandatory B-19 S: \$62.44	Summer	Max. Peak (per day)	\$1.67	Peak	\$0.46
			Max. Part-Peak (per day)	\$0.09	Part-Peak	\$0.27
			Maximum ^{1/}	\$6.97	Off-Peak	\$0.21
		Maximum ^{2/}	\$10.50	-	-	
		Winter	Max. Peak (per day)	\$1.27	Peak	\$0.20
			Maximum ^{1/}	\$6.97	Off-Peak	\$0.16
Maximum ^{2/}	\$10.50		Super Off-Peak	\$0.12		

- **Why B-19 vs B-10**

Based on current usage, Sewerage plant would be able to use B-19 which has a limit of maximum demand of 500kw and would be considered a voluntary move. B-10 does not support the flat load of the Sewerage plant

- **B-19 Option S vs B-19**

B-19 Option S is only available when energy storage is implemented and provides special demand rates that encourage storage usage.

- **Rate Increases with less volatility**

Energy increases over the last 5 years has been 30% vs 75% on B-6

Utility Rate Details

Rate Details	B-19 Bundled Rate	B-19 Option S	B-6 Bundled
Winter Season	Oct – Feb Peak is 4:00PM-9:00PM Off Peak all other times	Oct – Feb Peak is 4:00PM-9:00PM Off Peak all other times	Oct – Feb Peak is 4:00PM-9:00PM Off Peak all other times
“Spring” Season	March - May Peak is 4:00PM to 9:00PM Super Off Peak is 9:00AM to 2:00 PM	March - May Peak is 4:00PM to 9:00PM Super Off Peak is 9:00AM to 2:00 PM	March - May Peak is 4:00PM to 9:00PM Super Off Peak is 9:00AM to 2:00 PM
Summer Season	Peak: 4:00PM – 9:00PM Partial Peak 2:00PM – 4:00PM & 9:00PM – 11:00PM	Peak: 4:00PM – 9:00PM Partial Peak 2:00PM – 4:00PM & 9:00PM – 11:00PM	Peak: 4:00PM – 9:00PM Partial Peak 2:00PM – 4:00PM & 9:00PM – 11:00PM
PG&E Energy Rate (per kwh)	Peak Summer: \$.21582 Summer Part Peak: \$.16208 Off-Peak Summer: \$.12407 Peak Winter: \$.18169 Off-Peak Winter: \$.12392 Super Off-Peak: \$.04642	Peak Summer: \$.45787 Summer Part Peak: \$.27403 Off-Peak Summer: \$.21356 Peak Winter: \$.20155 Off-Peak Winter: \$.15923 Super Off-Peak: \$.12341	Peak Summer: \$.67539 Off-Peak Summer: \$.41777 Peak Winter: \$.42870 Off-Peak Winter: \$.38511 Super Off-Peak: \$.34903
PG&E Demand Charges (per kw)	Max Peak Summer: \$55.45 Summer Part Peak: \$12.12 Summer Demand: \$40.57 Max Peak Winter: \$3.20 Max Winter Demand: \$40.57	Max Peak Summer: \$51.77 Summer Part Peak: \$2.79 Summer Demand: \$10.50 Summer Demand Non 9-2: \$0.00 Max Peak Winter: \$39.37 Winter Demand: \$10.50 Winter Demand Non 9-2: \$0.00	N/A

- B-6 energy rates are much higher than B-19 due to no demand charges
- Demand charges are lower in B-19 Option S to encourage battery investment (which is required for Option S)
- Overall Utility rates will continue to disincentivize solar only investments due to expanding “duck curve”
- With your flat load you will want to reduce the Peak Periods when prices are high

Our Analysis

Modeling Assumptions

- **B-6 Warning**

The B-6 tariff is only allowed for 75kwh which the Sewerage plant exceeds. Migrating from B-6 to B-19 looks beneficial especially with solar and energy storage.

- **Non – Export to stay on NEM Tariff**

NEM 1.0 tariff can be preserved if we add new asset (solar and battery) as Non-Export, per the NEM tariff guidelines.

- **Continued 4% Rate Escalation**

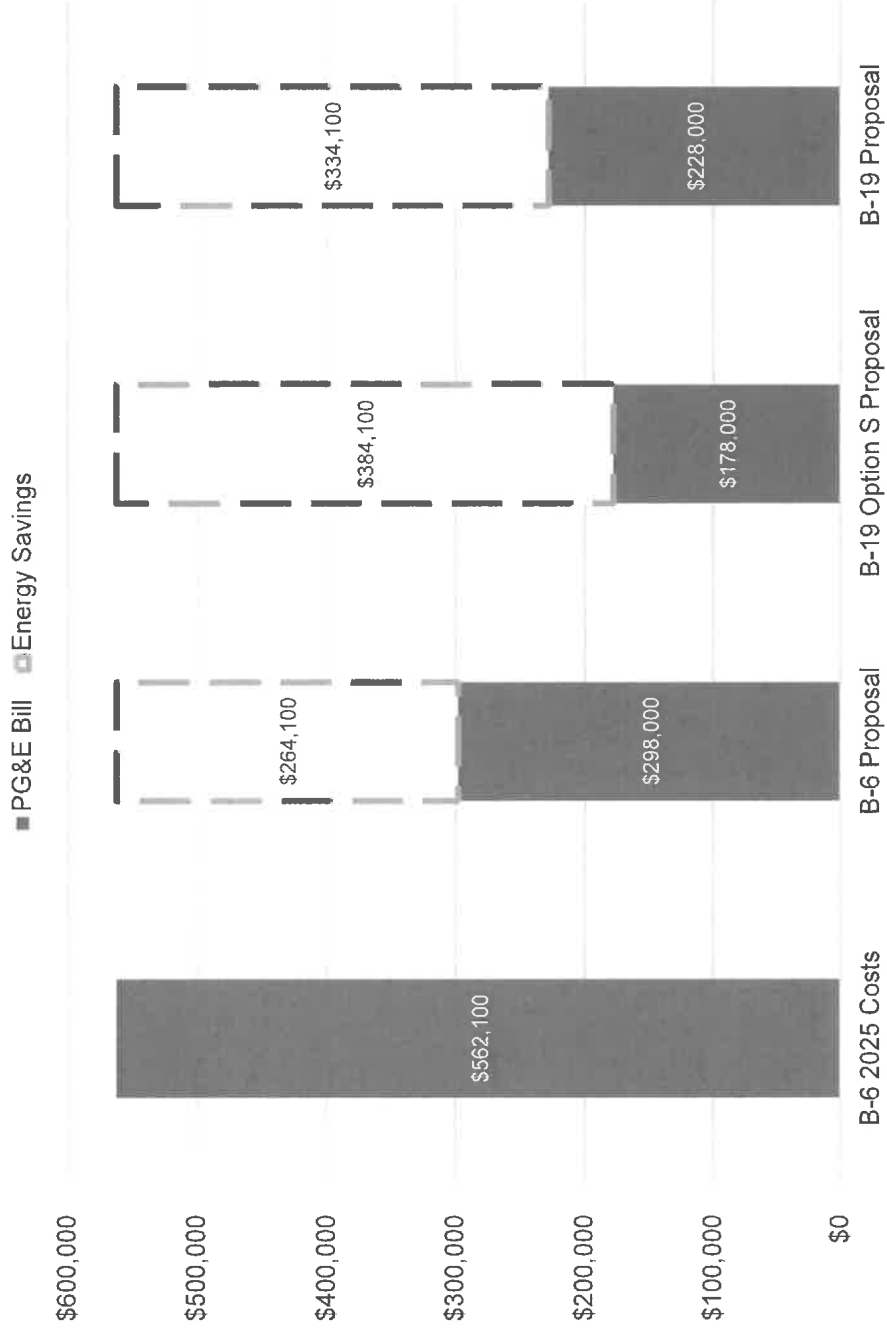
In our calculation we have included based on current rate increases at PG&E that rates will continue to escalate at 4% per year. Last year it increased 32%.

- **Current 2025 bill is higher**

Your last true up bill under NEM was \$489,000 in February 2024. We modeled your energy consumption at the new current rate of \$562,000 on B-6.

Future Energy Costs Analysis

Comparison of your future energy bill with our proposed Solar & Battery Solutions by Rate



B-19 Option S

B-19 Option S Modeling Information

Modeling Assumptions

Global Parameters		System Design Assumptions		PV System Details		System Design Details	
Financial Assumptions		System Design Assumptions		PV System Details		BESS System Details	
Utility Escalator	4.00%	PV Degradation	0.40%	PV Size (DC, kW)	460.00 kW	BESS Model/Description	Station
Cashflow Term (yrs)	20	BESS Degradation	1.50%	Module Rating (W)	540.00 watts	BESS Power Rating (kW)	60.00 kW
Federal Income Tax Rate	Not Included	PV Mode	Non-Export	Module Count	852	Capacity per Unit (kWh)	207.00 kWh
State Income Tax Rate	None	Battery Mode	Non-Export	Mounting Type	Fixed Mount	Total Units	9
Federal ITC Rate	30%	SGIP Included	No	Azimuth	180 degrees	Total Capacity (kWh)	1,863.00 kWh
MACRS Depreciation	Not Included	DR Included	No	Tilt	20 degrees	Total Capacity (KW)	540 kw
				PV Production	782,000 kWh		

B-19 Option S Financial Results

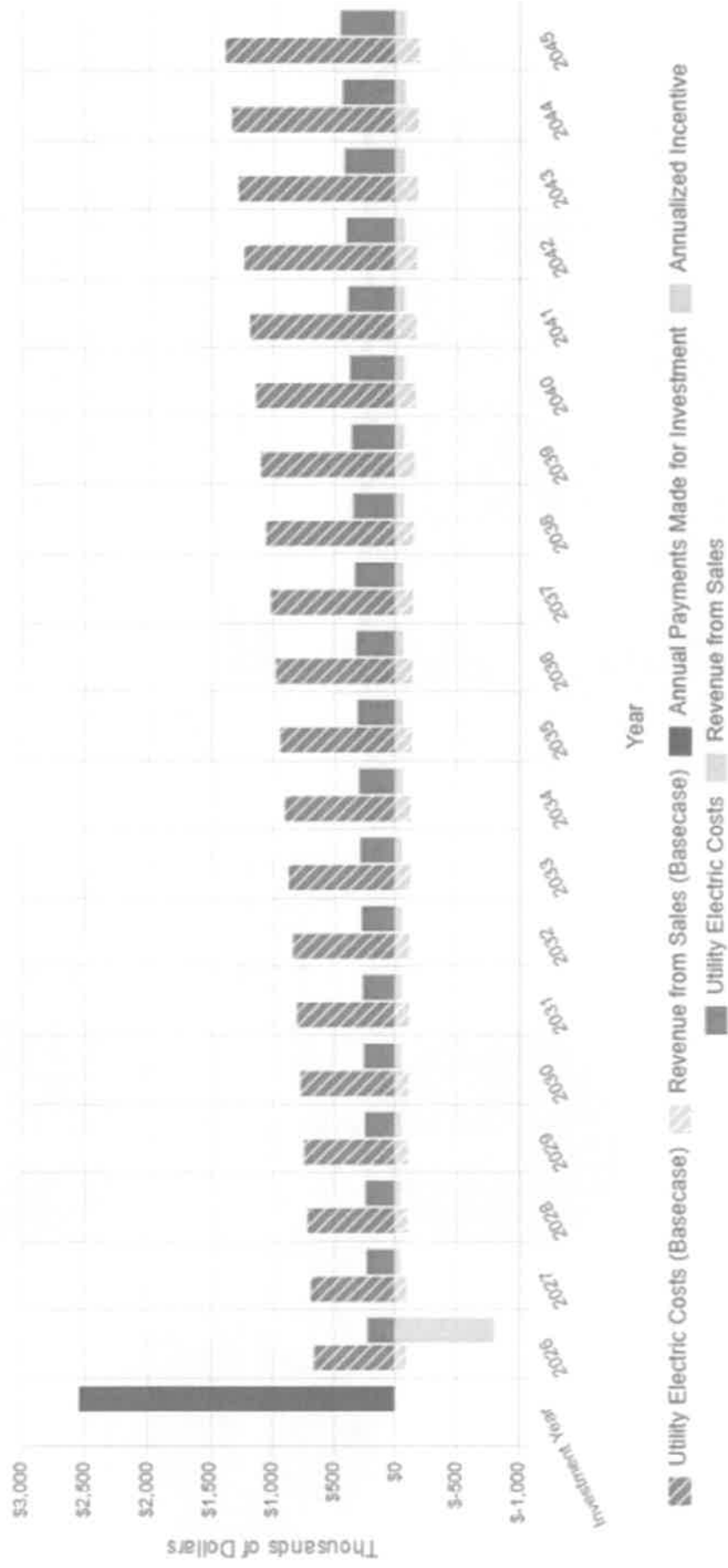
Financial Results	
Before PV + BESS Investment (Year 1)	After PV + BESS Investment (Year 1)
Electricity Energy Charges	\$562,100
Energy Sales	\$139,000
Electricity Demand Charges	-\$41,000
Electricity Monthly Fee (Yr Costs)	\$76,000
Total	\$4,000
Total	\$178,000
Year 1 Savings Summary	
Energy Savings (Offset)	\$423,100
Demand Savings	-\$76,000
Total Savings	\$384,000
ROI Metrics	
Payback (years)	5 Years
IRR	23.41%
Cumulative Savings (non-discounted)	\$9,810,000

- Non-Export battery (faster interconnection process with PG&E)
- Allowed so that you do not need to get off your existing NEM Contract

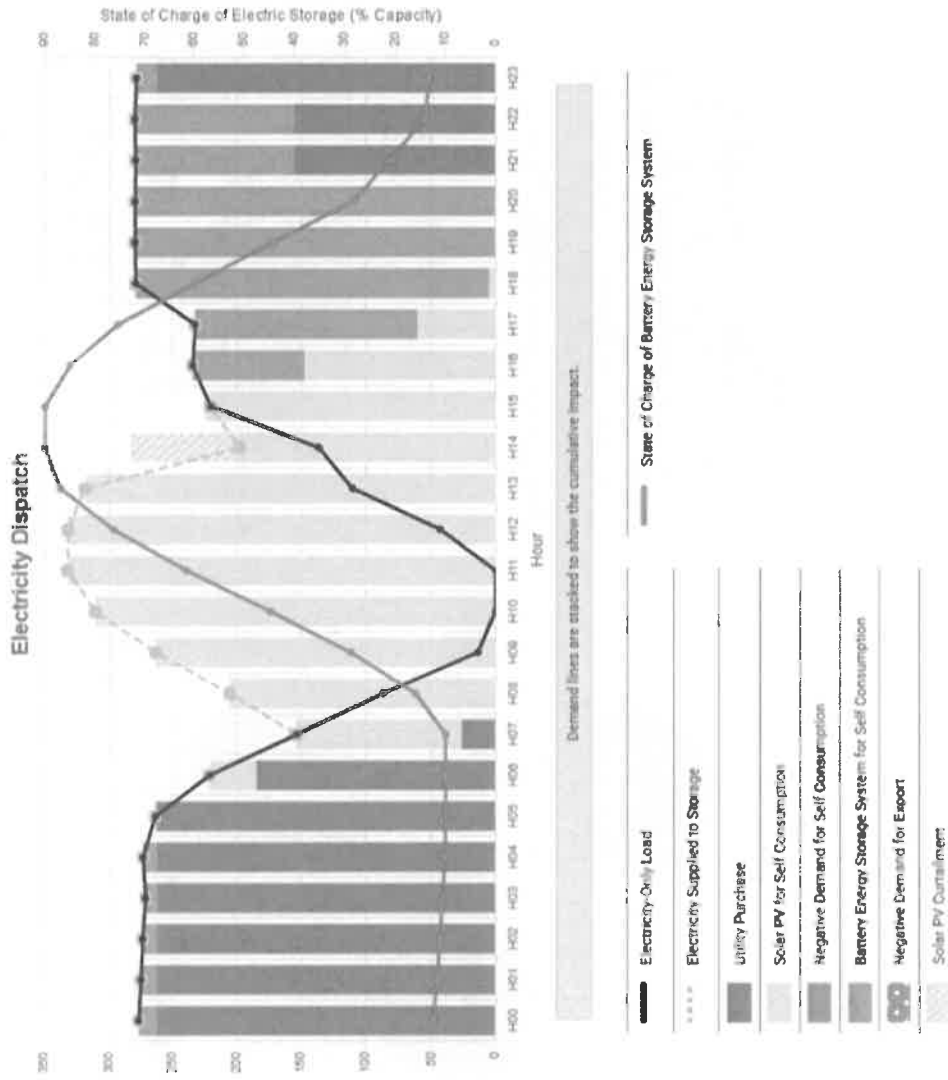
B-19 Option S Cash Flow Analysis

Investment Year	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Revenue Increase: Electricity Sales	0	-53	-57	-60	-62	-65	-67	-70	-73	-76	-79	-82	-85	-88	-92	-96	-99	-103	-107	-112
Savings: Utility Demand Charges	0	-76	-78	-80	-81	-82	-84	-85	-87	-88	-90	-92	-93	-95	-96	-98	-100	-101	-103	-105
Savings: Utility Energy Charges	0	517	557	578	600	623	646	671	696	722	750	778	807	838	869	902	936	971	1,008	1,046
Savings: Utility Contract Costs	0	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
Total OPEX Savings	0	384	400	434	453	471	491	511	532	554	577	600	625	650	677	704	733	762	793	825
CAPEX difference for Solar PV	-1,242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPEX difference for Battery Energy Storage System	-1,304	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total CAPEX Difference	-2,546	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Federal ITC Credit	0	764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Incentives Difference	0	764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Present Value	-2,546	-1,453	-1,090	-730	-373	334	682	1,028	1,371	1,712	2,049	2,383	2,714	3,043	3,368	3,691	4,011	4,327	4,641	4,952
Cumulative Cash Flow (Non-discounted)	-2,546	-1,398	-998	-582	-147	305	777	1,268	1,779	2,311	2,865	3,442	4,042	4,667	5,317	5,994	6,698	7,431	8,193	8,986
Cumulative Cash Flow (Discounted)	-2,546	-1,332	-906	-502	-121	239	580	901	1,204	1,490	1,759	2,012	2,251	2,475	2,685	2,883	3,068	3,242	3,404	3,556

B-19 Option S Cost / Benefit Breakdown



Future Energy Usage Example



- Battery will discharge during high demand and energy cost periods.
- With consistent demand usage storage will be used to offset higher demand costs
- Your additional solar is supporting the charging of the battery (pink line) during production
- You have now increased the reduction of your flat load curve from 9am-4pm to 8am-8pm

B-19 Option

B-19 Modeling Information

Modeling Assumptions

Global Parameters		System Design Assumptions		PV System Details		BESS System Details	
Financial Assumptions		System Design Assumptions		PV System Details		BESS System Details	
Utility Escalator	4.00%	PV Degradation	0.40%	PV Size (DC, kW)	460.00 DC kW	BESS Model/Description	Station
Cashflow Term (yrs)	20	BESS Degradation	1.50%	Module Rating (W)	540.00 watts	BESS Power Rating (kW)	60.00 kW
Federal Income Tax Rate	Not Included	PV Mode	Non-Export	Module Count	852	Capacity per Unit (kWh)	207.00 kWh
State Income Tax Rate	None	Battery Mode	Non-Export	Mounting Type	Fixed Mount	Total Units	9
Federal ITC Rate	30%	SGIP Included	No	Azimuth	180 degrees	Total Capacity (kWh)	1,863.00 kWh
MACRS Depreciation	Not Included	DR Included	No	Tilt	20 degrees	Total Capacity (KW)	540 kW
				PV Production	782,000 kWh		

B-19 Financial Results

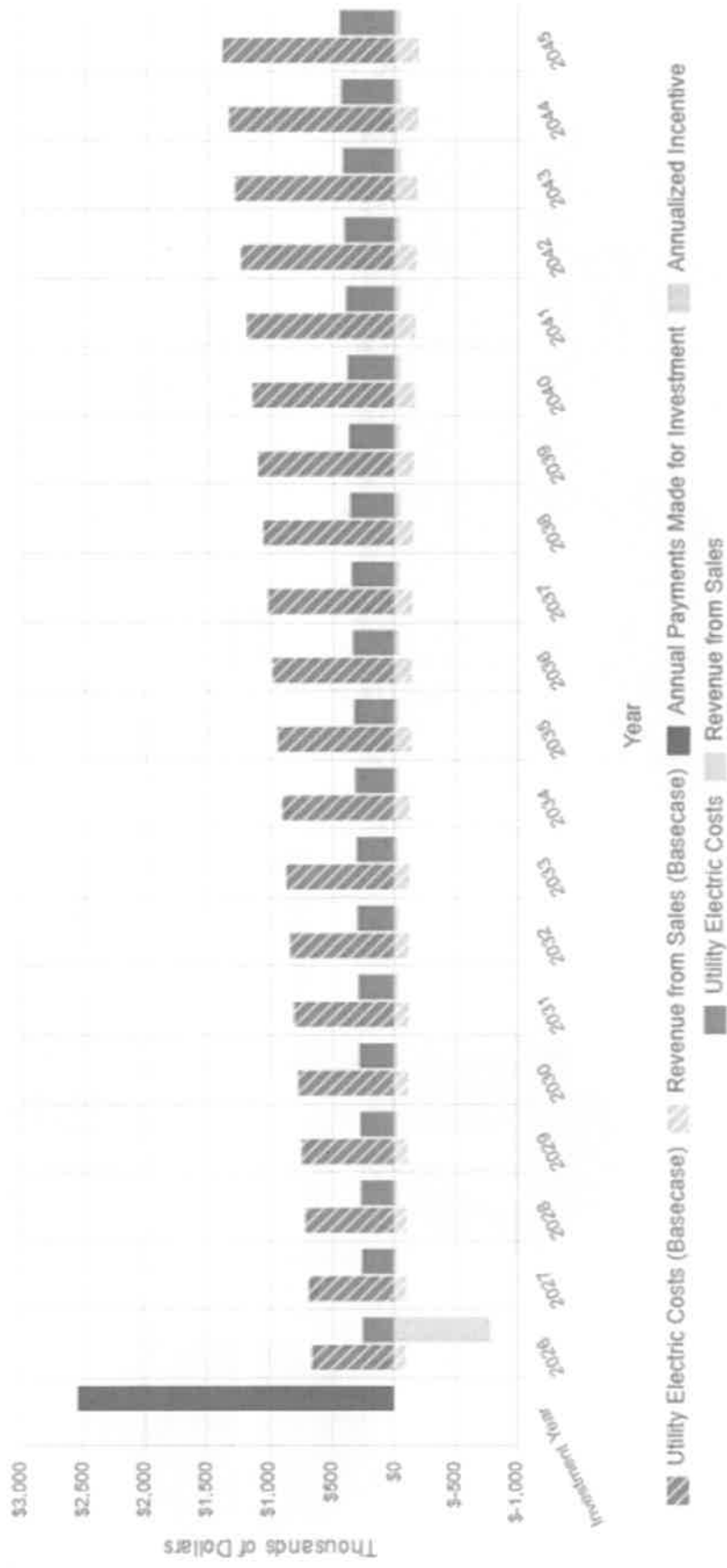
Financial Results	
Before PV + BESS Investment (Year 1)	After PV + BESS Investment (Year 1)
Electricity Energy Charges	\$562,100
Energy Sales	\$119,000
Electricity Demand Charges	-\$22,000
Electricity Monthly Fee (Yr Costs)	\$1,000
Total	\$563,100
Year 1 Savings Summary	
Energy Spend (Offset)	\$443,100
Demand Savings	-\$126,000
Total Savings	\$335,100
ROI Metrics	
Payback (years)	5 Years
IRR	21.29%
Cumulative Savings (non-discounted)	\$8,938,000

- Non-Export battery (faster interconnection process with PG&E)
- Allowed so that you do not need to get off your existing NEM Contract

B-19 Cash Flow Analysis

Investment Year	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	
Revenue Increase:	0	-72	-75	-78	-81	-84	-87	-90	-94	-98	-102	-105	-110	-114	-118	-123	-128	-133	-139	-144	-150
Electricity Sales																					
Savings: Utility Demand Charges	0	-126	-127	-128	-129	-130	-131	-132	-132	-133	-134	-135	-136	-137	-138	-139	-140	-141	-142	-144	-145
Savings: Utility Energy Charges	0	536	557	578	600	622	646	670	696	722	750	778	807	838	870	903	937	973	1,010	1,049	1,088
Savings: Utility Contract Costs	0	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
Total OPEX Savings	0	334	350	368	386	405	424	444	465	487	509	533	557	583	609	636	665	694	724	756	789
CAPEX difference for Solar PV	-1,242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPEX difference for Battery Energy Storage System	-1,304	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total CAPEX Difference	-2,546	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Federal ITC Credit	0	764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Incentives Difference	0	764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Present Value	-2,546	-1,501	-1,183	-885	-548	-231	86	402	717	1,031	1,343	1,655	1,965	2,274	2,582	2,888	3,193	3,495	3,796	4,096	4,393
Cumulative Cash Flow	-2,546	-1,448	-1,098	-730	-345	60	484	929	1,394	1,881	2,391	2,924	3,481	4,064	4,673	5,309	5,974	6,668	7,392	8,148	8,938
(Non-discounted)																					
Cumulative Cash Flow (Discounted)	-2,546	-1,380	-996	-631	-283	47	361	660	944	1,213	1,468	1,709	1,938	2,155	2,360	2,554	2,737	2,909	3,072	3,225	3,368

B-19 Cost / Benefit Breakdown



Our Recommendation is B-19 Option S

- **Rate Switch to B-19 Option S**

The additional savings from B-19 Option S and the inclusion of battery storage in our proposal makes this the best approach for maximizing value of your system.

- **460 kw of Solar**

The optimal solution for solar is a 460 kw system.

- **9 Posh Station Batteries**

We are using smaller 90kw/266 kwh batteries from Posh Energy. Using smaller format sized batteries helps achieve optimal usage of the combined battery and solar solution, as opposed to a large format battery that would leave additional cost for kwh with no ability to use.

- **Intermediary Recommendation**

With B-19 Option S, there is an approval process to be included in the program. We recommend during initial implementation to apply for Option S but switch to B-19 automatically. This will ensure savings as you wait for approval.

EXHIBIT A
WORK EXCLUSIONS

Unless specified to the contrary in a Change Order, the services, activities and work set forth in this Exhibit A are excluded from the scope of work to be performed by Solar Contractor pursuant to the Agreement.

1. Remove or dispose of any hazardous substances that currently exist on the Owner's Property;
2. Improve the construction of the roof or the Owner's Property to support the Solar System;
3. Remove or replace existing rot, rust, or insect infested structures;
4. Provide structural framing for any part of the Owner's Property;
5. Pay for or correct construction errors, omissions, and deficiencies by the Owner or contractors hired by the Owner;
6. Pay for, remove, or remediate mold, fungus, mildew, or organic pathogens;
7. Upgrade the Owner's Property's existing electrical service;
8. Install of any smoke detectors, sprinklers, or life safety equipment required by municipal code or inspectors as a result of the Solar System installation;
9. Pay for the removal or re-location of equipment, obstacles or vegetation in the vicinity of the Solar System;
10. Move items unassociated with the Solar System around the Owner's Property's;
11. Pay for any costs associated with municipal design or architectural review, or other specialty permits. This includes cost to attend any public hearings, notification of neighbors, or additional drawings required;
12. Paint electrical boxes or conduit at the Property;
13. Pay for compliance with changes in regulations of codes that materially change the scope of work for the Solar System;
14. Repair of damage to roadways, sidewalks, or driveways that may occur when construction equipment and vehicles are being used in the normal course of construction unless such damaged is caused by the negligence of Solar Contractor;
15. Procurement of plans with an engineering stamp; and
16. Structural engineering review and soil analysis.
17. Utility upgrades

DATE 11/25/2024



SOLAR ELECTRIC PROPOSAL

OROVILLE SCOR 2880 S. 5TH AVE, OROVILLE CA



PRESENTED BY: LLOYD MARSHALL DIRECTOR OF COMMERCIAL SALES
AZTEC SOLAR, INC.
11252 TRADE CENTER DRIVE, RANCHO CORDOVA, CA 95843
LLOYD.MARSHALL@AZTECSOLAR.COM

Confidentiality of the documents

All the information contained in this offer, its appendices or in any other document that the offer refers to is the exclusive property of Aztec Solar, Inc. and is strictly confidential. Any reproduction is strictly forbidden, in any manner whatsoever, save for prior written consent from Aztec Solar Inc. This Offer is for the exclusive use of Buzz Oates Real Estate, and may not communicate, copy, forward or use whole or part of the Confidential Information in any manner whatsoever, irrespective of the outcome given to the Offer.

Company Profile

Aztec Solar, Inc. is a full-service solar integration company providing top-quality installations throughout the greater Northern California area since 1980. Aztec specializes in solar electric systems, solar water heating, and solar pool heating. As a leading solar energy company, we are committed to value, customer service and the industry's best practices. Thousands of satisfied customers attest to our commitment to quality products, unbeatable service, and our experience on roofs is unparalleled. Aztec Solar is fully bonded, licensed and insured.

Team Members

- Ed Murray: *President*, founded Aztec Solar in 1980. He serves as President of the California Solar and Storage Association (CALSSA) and has been on the Board for 40 years.
- Jonathan Gemma: *VP of Sales and Marketing*, has been with Aztec since 2003. He has over 20 years of developing and managing solar projects in the residential and commercial space.
- Jason Nicholson: *Director of PV Operations*, has over 20 years of designing and constructing solar systems for residential and commercial applications.

Contractor's License: CA #550110 B-1, C-46

DUNS: #135993967

Scope of Work

This proposal is a firm fixed price for Aztec Solar to provide a full turnkey solar electric system installation for the facility located 2880 S 5th Ave, Oroville, CA 95965. This proposal is in accordance with the bid documents.

Solar PV Scope of Work:

Inclusions:

1. Provide full permit plan set and plan review of design including engineering and drawings per scope.
2. Provide and install a ground mount racking system for solar modules.
3. Provide and install 749.52kW of solar modules. (1388) 540-watt solar modules.
4. Provide and install inverters with associated wire per plan.
5. Provide and install wire and conduit for PV system from inverters to electrical room tie in per plans.
6. Provide and install AC service disconnect for PV System to comply with PG&E metering requirements per scope.
7. Provide commissioning per scope.
8. Stand for final inspection of solar site per scope.
9. PTO (permission to operate)
10. Provide site locates by utility service.
11. Proposal includes all taxes, prevailing wage, permit fees, design and engineering fees, workmanship and material warranty. Also, DAS system with cellular subscription bundle for owner use

Exclusions:

1. Performance and Payment Bonds
2. Any new roof top array installations outside of scope of work
3. Roof blocking installation of racking anchors to be installed.
4. Inspections to ensure constructability to install PV system.
5. Any other roof related repairs or upgrades
6. Any scope not listed in inclusions will be addressed on change orders.

Solar PV Total Price: \$2,399,415

Estimated Annual Production: 1,256,294kWh

PROJECT SUMMARY

Payment Options	Cash Purchase
Year 1 Bill Savings	\$157,321
Payback Period	8.3 Years
IRR - Term	12.2%
LCOE PV Generation	\$0.033 /kWh
Net Present Value	\$1,871,905
Total Payments	\$2,399,415
Total Incentives	\$1,298,967
Net Payments	\$1,100,448
Electric Bill Savings - Term	\$6,933,152
Upfront Payment	\$2,399,415

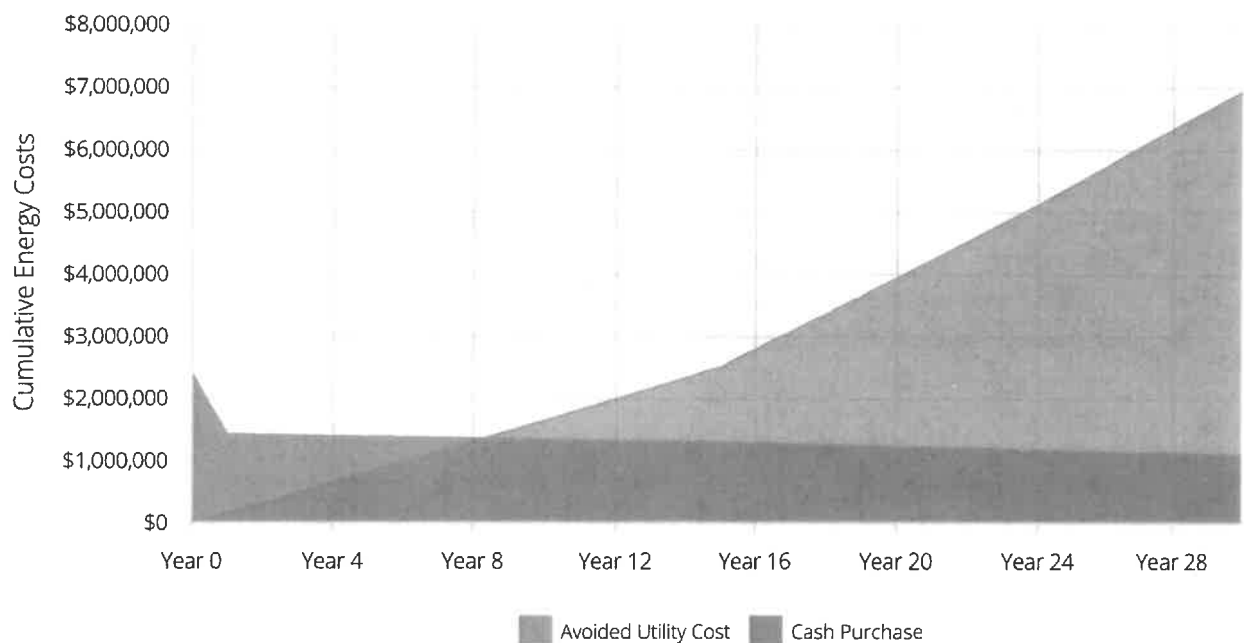
COMBINED SOLAR PV RATING

Power Rating: 749,360 W-DC
 Power Rating: 652,738 W-AC-CEC

COMBINED ESS RATINGS

Energy Capacity: 794.0 kWh
 Power Rating: 357.3 kW

CUMULATIVE ENERGY COSTS BY PAYMENT OPTION



6.1.1 PV SYSTEM DETAILS

GENERAL INFORMATION

Facility: Oroville Water Treatment
 Address: 2880 S 5th Ave Oroville CA 95965

SOLAR PV SYSTEM RATING

Power Rating: 749,360 W-DC
 Power Rating: 652,738 W-AC-CEC

SOLAR PV EQUIPMENT DESCRIPTION

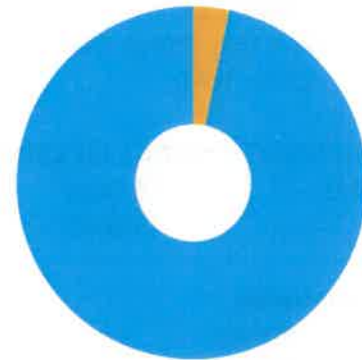
Solar Panels: (1292) Amerisolar AS-8M120-HC 580W (1000V)
 Inverters: (323) Yotta Energy DPI-480

ENERGY CONSUMPTION MIX

Annual Energy Use: 1,299,317 kWh

SOLAR PV EQUIPMENT TYPICAL LIFESPAN

Solar Panels: Greater than 30 Years
 Inverters: 25 Years



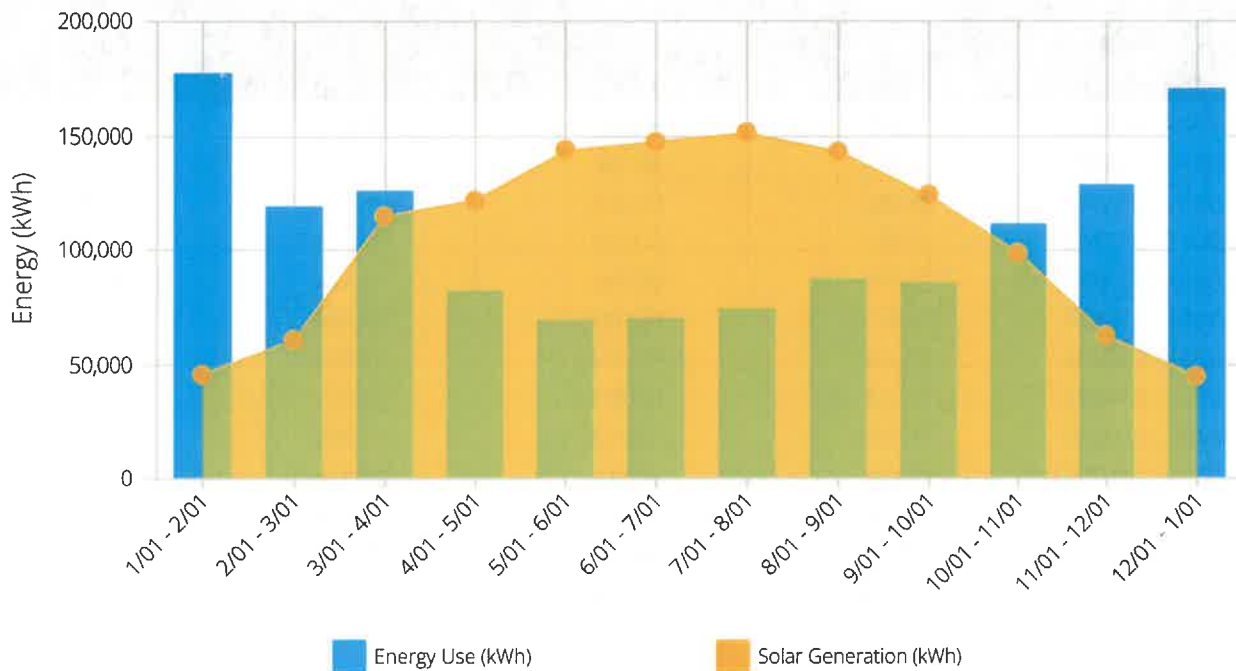
Solar PV System Cost and Incentives

Solar PV System Cost	\$1,609,415
Direct Pay ITC	-\$643,766

Net Solar PV System Cost \$965,649

Utility	43,023 kWh (3.31%)
Solar PV	1,256,294 kWh (96.69%)

MONTHLY ENERGY USE VS SOLAR GENERATION



6.1.2 ENERGY STORAGE SYSTEM (ESS) DETAILS

GENERAL INFORMATION

Facility: Oroville Water Treatment
 Address: Oroville CA 95965

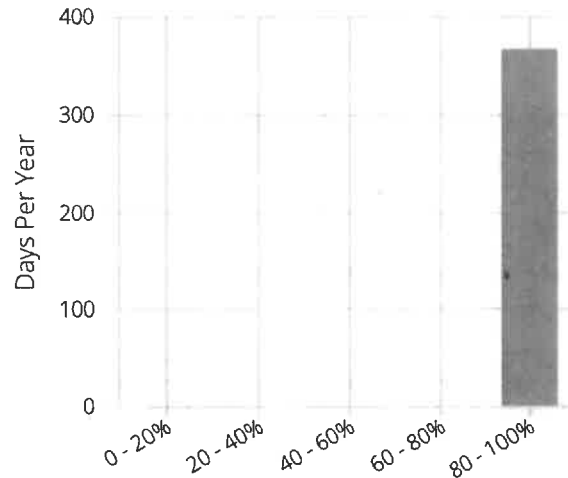
ESS SYSTEM RATINGS

Energy Capacity: 794.0 kWh
 Power Rating: 357.3 kW

ESS EQUIPMENT DESCRIPTION

Battery (794) Yotta Energy SolarLEAF (480V) -
 Banks: .45kW / 1kWh
 Inverters: (794) Yotta Energy SolarLEAF (480V) -
 .45kW / 1kWh

ENERGY STORAGE ANNUAL UTILIZATION



ESS EQUIPMENT TYPICAL LIFESPAN

Battery Banks: 15 Years
 Inverters: 15 Years

ESS Cost and Incentives

ESS Cost	\$790,000
Direct Pay ITC	-\$316,000
Net ESS Cost	\$474,000

Estimated Demand Savings in Year 1: \$90,901

Max Utilization Rate

Energy Output and Demand Savings From Solar PV and Energy Storage				
Date Range	ESS Energy Discharge (kWh)	Solar PV Generation (kWh)	ESS Energy as % of PV Energy	Total Demand Savings
1/1/2023 - 2/1/2023	14,394	45,702	31.50%	\$2,587
2/1/2023 - 3/1/2023	14,305	60,652	23.59%	\$1,900
3/1/2023 - 4/1/2023	18,489	114,641	16.13%	\$1,577
4/1/2023 - 5/1/2023	17,381	121,738	14.28%	\$2,940
5/1/2023 - 6/1/2023	19,382	143,361	13.52%	\$18,701
6/1/2023 - 7/1/2023	19,221	147,187	13.06%	\$16,092
7/1/2023 - 8/1/2023	20,044	150,974	13.28%	\$14,662
8/1/2023 - 9/1/2023	20,030	143,079	14.00%	\$12,847
9/1/2023 - 10/1/2023	19,123	123,520	15.48%	\$8,250
10/1/2023 - 11/1/2023	18,550	98,517	18.83%	\$13,392
11/1/2023 - 12/1/2023	16,129	62,456	25.82%	-\$492
12/1/2023 - 1/1/2024	14,310	44,467	32.18%	-\$1,555
Total	211,358	1,256,294	16.82%	\$90,901

6.1.3 REBATES & 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% (with Adders)

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. In addition to the 30% ITC, the IRA establishes three different types of ITC "Adders", which provide additional tax credits of up to 10% each, for projects that meet specified requirements. (1) Energy Community, projects sited in an "energy community", which includes brownfield sites, census tracts where a coal mine closed after 1999 or a coal-fired power plant was retired after 2009, or areas where 25% of local tax revenues are related to the extraction, processing or storage of coal, oil, or natural gas at any time beginning in 2010. (2) Low-income, projects located in a qualified "low-income community", which is defined as a census tract with a poverty rate of at least 20%, as well as a census tract where the median family income (MFI) is 80% or less of statewide MFI, or on "Indian land", which is defined as land located within the boundaries of an Indian reservation or lands held by a tribe. (3) Domestic Content, for projects that meet specified domestic content requirements which will be set by Treasury, including 100% steel/iron for manufactured products with a 40% requirement through 2024 followed by 45% in 2025, 50% in 2026, and 55% in 2027 and beyond. Manufactured content is further explained: the products which are components of a qualified facility upon completion will be deemed to have been produced in the United States if the adjusted percentage of the total costs of all such manufactured products of the facility are attributable to manufactured products which are mined, produced, or manufactured in the United States.

Total Incentive Value: \$643,766

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

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. In addition to the 30% ITC, the IRA establishes three different types of ITC "Adders", which provide additional tax credits of up to 10% each, for projects that meet specified requirements. (1) Energy Community, projects sited in an "energy community", which includes brownfield sites, census tracts where a coal mine closed after 1999 or a coal-fired power plant was retired after 2009, or areas where 25% of local tax revenues are related to the extraction, processing or storage of coal, oil, or natural gas at any time beginning in 2010. (2) Low-income, projects located in a qualified "low-income community", which is defined as a census tract with a poverty rate of at least 20%, as well as a census tract where the median family income (MFI) is 80% or less of statewide MFI, or on "Indian land", which is defined as land located within the boundaries of an Indian reservation or lands held by a tribe. (3) Domestic Content, for projects that meet specified domestic content requirements which will be set by Treasury, including 100% steel/iron for manufactured products with a 40% requirement through 2024 followed by 45% in 2025, 50% in 2026, and 55% in 2027 and beyond. Manufactured content is further explained: the products which are components of a qualified facility upon completion will be deemed to have been produced in the United States if the adjusted percentage of the total costs of all such manufactured products of the facility are attributable to manufactured products which are mined, produced, or manufactured in the United States.

Total Incentive Value: \$316,000

DSGS Program (PTO Before 10/31/2026)

California's Demand Side Grid Support (DSGS) Program offers incentives to electric customers that provide load reduction and backup generation to support the state's electrical grid during extreme events from May to October, reducing the risk of rotating power outages. The DSGS Program compensates behind-the-meter sited Energy Storage Systems (ESS) by providing incentives to reduce customer net load with upfront capacity commitments and for per-unit reductions in load. 30-year Cashflow Duration. ETB's "DSGS & Grid Services" cashflow stream is modeled over a period of 30-years. ETB conservatively expects DSGS program revenues to last for 4 years, and then generic Grid Services revenue to continue in years 5 through 30. After DSGS ends at year 4, ETB assumes the ESS asset will continue to participate and capture value in one or more other programs, such as ELRP, a successor program to DSGS, or other future programs. ETB believes there is strong evidence and empirical data to support that the value of Grid Service(s) and/or Demand Response (DR) programs will continue and likely increase over time. Beginning in year 5, ETB reasonably assumes the \$/kWh value of Grid Services/DR revenues will inflate at a rate of 3% annually, which is the default rate assumed for annual utility bill cost inflation. Additional Assumptions. If the ESS asset is enrolled into the DSGS Program in 2026, there is a 30% bonus adder value in year 1. ETB's "DSGS & Grid Services" cash flow factors in ESS degradation and utilizes the vendor specific ESS annual kilowatt-hour (kWh) degradation rate. The annual revenue estimates shown are net of fees and represent the net income to the ESS owner. Fees are paid to both ETB and our partner Leap, a leading platform for generating value from distributed energy resources through integration with wholesale and grid service energy markets. Disclaimer: while these assumptions and values are ETB's best reasonable estimate, ETB cannot predict future grid service revenues with certainty or guarantee these estimates.

Total Incentive Value: \$339,201

6.1.4 UTILITY RATES

This page will be blank if utility rate is deregulated.

You have the option to remain on your current rate schedule (E-19) or switch to an alternative rate schedule (B-19 Option S). The rates for each are shown below and your estimated electric bills are shown on the following page for each rate schedule.

Customer Charges					Energy Charges					Demand Charges				
Season	Charge Type	Rate Type	E-19	B-19 Option S	Season	Charge Type	Rate Type	E-19	B-19 Option S	Season	Charge Type	Rate Type	E-19	B-19 Option S
W	Flat Rate	per day	\$57.95	-	W	Flat Rate	Import	\$0.04302	-	W	Flat Rate	Import	\$43.57	-
S	Flat Rate	per day	\$57.95	\$59.98	S	Flat Rate	Import	\$0.04302	-	S	Flat Rate	Import	\$43.57	\$10.02
W1	Flat Rate	per day	-	\$59.98	W	Part Peak	Import	\$0.09959	-	S	On Peak	Import	\$23.34	\$1.54
W2	Flat Rate	per day	-	\$59.98	W	Off Peak	Import	\$0.09886	-	S	Part Peak	Import	\$18.10	\$0.08
					S	On Peak	Import	\$0.10845	\$0.46162	W1	Flat Rate	Import	-	\$10.02
					S	Part Peak	Import	\$0.10845	\$0.27778	W2	Flat Rate	Import	-	\$10.02
					S	Off Peak	Import	\$0.10227	\$0.21731	W1	On Peak	Import	-	\$1.17
					W1	On Peak	Import	-	\$0.20825	W2	On Peak	Import	-	\$1.17
					W1	Off Peak	Import	-	\$0.16593	W1	Max TOU Demand	Import	-	\$6.43
					W2	On Peak	Import	-	\$0.20825	W2	Max TOU Demand	Import	-	\$6.43
					W2	Off Peak	Import	-	\$0.16593	S	Max TOU Demand	Import	-	\$6.43
					W2	Super Off Peak	Import	-	\$0.13011					

6.1.5 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 - E-19

Time Periods	Energy Use (kWh)			Max Demand (kW)			Charges				
	On Peak	Part Peak	Off Peak	NC / Max	On Peak	Part Peak	Other	NBC	Energy	Demand	Total
1/1/2023 - 2/1/2023 W	-	59,434	117,197	478	-	-	\$1,796	\$5,217	\$20,495	\$20,826	\$48,334
2/1/2023 - 3/1/2023 W	-	28,336	90,396	363	-	-	\$1,623	\$3,863	\$14,782	\$15,816	\$36,083
3/1/2023 - 4/1/2023 W	-	27,525	98,365	341	-	-	\$1,796	\$4,167	\$16,064	\$14,857	\$36,884
4/1/2023 - 5/1/2023 W	-	3,221	78,691	315	-	-	\$1,738	\$3,406	\$13,202	\$13,725	\$32,071
5/1/2023 - 6/1/2023 S	-17,457	9,300	77,455	315	290	315	\$1,796	\$3,229	\$12,269	\$26,195	\$43,489
6/1/2023 - 7/1/2023 S	-14,712	9,283	75,397	286	196	284	\$1,738	\$3,073	\$10,422	\$22,176	\$37,409
7/1/2023 - 8/1/2023 S	-12,112	9,807	76,951	278	198	276	\$1,796	\$3,087	\$10,968	\$21,729	\$37,580
8/1/2023 - 9/1/2023 S	-9,851	14,674	82,693	282	239	278	\$1,796	\$3,321	\$11,960	\$22,897	\$39,974
9/1/2023 - 10/1/2023 S	-10,527	12,731	83,102	282	234	281	\$1,738	\$3,302	\$12,049	\$22,834	\$39,924
10/1/2023 - 11/1/2023 S	-2,116	18,909	94,235	316	313	316	\$1,796	\$3,879	\$14,748	\$26,793	\$47,217
11/1/2023 - 12/1/2023 W	-	31,265	97,097	303	-	-	\$1,738	\$4,087	\$15,517	\$13,202	\$34,545
12/1/2023 - 1/1/2024 W	-	52,246	117,783	353	-	-	\$1,796	\$4,988	\$19,587	\$15,380	\$41,751
Total	-66,775	276,731	1,089,362	-	-	-	\$21,151	\$45,617	\$172,061	\$236,431	\$475,260

6.1.6 NEW ELECTRIC BILL

RATE SCHEDULE OPTION 1: PG&E - E-19

Time Periods	Energy Use (kWh)			Max Demand (kW)			Charges					
	Bill Ranges & Seasons	On Peak	Part Peak	Off Peak	NC / Max	On Peak	Part Peak	Other	NBC	Energy	Demand	Total
1/1/2023 - 2/1/2023 W	-	28,320	104,080	478	-	-	-	\$1,796	\$4,365	\$16,303	\$20,826	\$43,290
2/1/2023 - 3/1/2023 W	-	-8,993	69,281	363	-	-	-	\$1,623	\$3,077	\$10,484	\$15,816	\$31,000
3/1/2023 - 4/1/2023 W	-	-53,628	67,730	341	-	-	-	\$1,796	\$3,027	\$9,569	\$14,857	\$29,249
4/1/2023 - 5/1/2023 W	-	-75,408	38,264	315	-	-	-	\$1,738	\$2,521	\$8,773	\$13,725	\$26,757
5/1/2023 - 6/1/2023 S	-65,566	-41,157	35,650	315	9	315	-	\$1,796	\$2,361	\$5,096	\$19,636	\$28,890
6/1/2023 - 7/1/2023 S	-76,726	-30,255	32,728	286	0	280	-	\$1,738	\$2,196	\$2,535	\$17,529	\$18,929
7/1/2023 - 8/1/2023 S	-66,256	-32,101	25,123	278	0	276	-	\$1,796	\$2,277	\$2,508	\$17,108	\$18,674
8/1/2023 - 9/1/2023 S	-63,794	-32,101	43,423	282	10	276	-	\$1,796	\$2,474	\$7,375	\$17,516	\$14,410
9/1/2023 - 10/1/2023 S	-66,126	-14,269	45,131	282	95	279	-	\$1,738	\$2,652	\$14,719	\$19,554	\$9,225
10/1/2023 - 11/1/2023 S	-46,461	-694	62,528	316	159	316	-	\$1,796	\$3,032	\$7,110	\$23,199	\$35,137
11/1/2023 - 12/1/2023 W	-	-9,421	77,816	301	-	-	-	\$1,738	\$3,355	\$10,916	\$13,115	\$29,124
12/1/2023 - 1/1/2024 W	-	24,296	103,474	353	-	-	-	\$1,796	\$4,191	\$15,579	\$15,380	\$36,946
Total	-384,929	-245,411	705,228	-	-	-	-	\$21,151	\$35,528	\$61,734	\$208,261	\$326,674

NEW RATE SCHEDULE OPTION 2: PG&E - B-19 Option S

Time Periods	Energy Use (kWh)					Max Demand (kW)				Charges					
	Bill Ranges & Seasons	Total	On Peak	Part Peak	Off Peak	Super Off Peak	NC / Max	On Peak	Part Peak	Max TOU Demand	Other	NBC	Energy	Demand	Total
1/1/2023 - 2/1/2023 W1	132,399	33,998	-	98,401	-	478	384	-	478	-	\$1,859	\$4,365	\$21,392	\$18,239	\$45,856
2/1/2023 - 3/1/2023 W1	60,288	20,888	-	39,400	-	363	346	-	363	-	\$1,680	\$3,077	\$13,969	\$13,916	\$32,642
3/1/2023 - 4/1/2023 W2	14,102	5,998	-	74,538	-66,434	341	334	-	341	-	\$1,859	\$3,027	\$12,625	\$13,281	\$30,791
4/1/2023 - 5/1/2023 W2	-37,144	-6,126	-	58,898	-89,916	315	310	-	315	-	\$1,799	\$2,521	\$11,082	\$10,784	\$26,187
5/1/2023 - 6/1/2023 W2	-71,073	-17,424	-	41,275	-94,924	315	313	-	315	-	\$1,859	\$2,361	\$6,845	\$7,494	\$18,560
6/1/2023 - 7/1/2023 S	-74,253	-20,999	-26,401	-26,853	-	286	269	281	286	-	\$1,799	\$2,196	\$3,969	\$6,084	\$14,049
7/1/2023 - 8/1/2023 S	-73,235	-26,332	-24,339	-22,564	-	278	262	278	278	-	\$1,859	\$2,277	\$4,308	\$7,068	\$15,512
8/1/2023 - 9/1/2023 S	-52,472	-19,128	-23,389	-9,955	-	282	275	277	282	-	\$1,859	\$2,474	\$564	\$10,049	\$14,946
9/1/2023 - 10/1/2023 S	-35,264	-8,532	-20,871	-5,861	-	282	279	282	282	-	\$1,799	\$2,652	\$4,792	\$14,585	\$14,244
10/1/2023 - 11/1/2023 W1	15,373	7,466	-	7,907	-	316	314	-	316	-	\$1,859	\$3,032	\$9,743	\$13,401	\$28,036
11/1/2023 - 12/1/2023 W1	68,395	24,383	-	44,012	-	301	301	-	301	-	\$1,799	\$3,355	\$14,766	\$13,694	\$33,615
12/1/2023 - 1/1/2024 W1	127,770	33,806	-	93,964	-	353	353	-	353	-	\$1,859	\$4,191	\$20,517	\$16,935	\$43,502
Total	74,886	27,998	-95,000	393,162	-251,274	-	-	-	-	-	\$21,894	\$35,528	\$114,989	\$145,530	\$317,940

ANNUAL ELECTRICITY SAVINGS: \$157,321

7.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	12.2%	Net Present Value	\$1,871,905	Payback Period	8.3 Years
ROI	243.1%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	4.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$2,399,415	Total Cash Flow/ Savings	\$5,832,703	Total Electric Bill Savings	\$157,321

Years	Cash				PV Generation (kWh)	Total Cash Flow	Cumulative Cash Flow
	Project Costs	Electric Bill Savings	Grid Services	Direct Pay ITC			
Upfront	-\$2,399,415	-	-	-	-	-\$2,399,415	-\$2,399,415
1	-	\$157,321	\$13,254	\$959,766	1,256,294	\$1,130,341	-\$1,269,074
2	-	\$159,388	\$9,889	-	1,246,244	\$169,277	-\$1,099,797
3	-	\$161,369	\$9,584	-	1,236,193	\$170,952	-\$928,845
4	-	\$163,253	\$9,278	-	1,226,143	\$172,531	-\$756,314
5	-	\$165,030	\$8,972	-	1,216,093	\$174,002	-\$582,312
6	-	\$166,688	\$8,926	-	1,206,042	\$175,614	-\$406,699
7	-	\$168,214	\$8,869	-	1,195,992	\$177,083	-\$229,616
8	-	\$169,596	\$8,801	-	1,185,941	\$178,397	-\$51,219
9	-	\$170,819	\$8,721	-	1,175,891	\$179,540	\$128,321
10	-	\$171,869	\$8,628	-	1,165,841	\$180,496	\$308,818
11	-	\$172,729	\$8,522	-	1,155,790	\$181,250	\$490,068
12	-	\$173,383	\$8,401	-	1,145,740	\$181,784	\$671,852
13	-	\$173,813	\$8,266	-	1,135,690	\$182,079	\$853,931
14	-	\$174,000	\$8,115	-	1,125,639	\$182,115	\$1,036,046
15	-	\$173,924	\$7,947	-	1,115,589	\$181,871	\$1,217,917
16	-	\$276,877	\$14,113	-	1,105,539	\$290,989	\$1,508,906
17	-	\$280,342	\$14,100	-	1,095,488	\$294,442	\$1,803,348
18	-	\$283,641	\$14,074	-	1,085,438	\$297,715	\$2,101,063
19	-	\$286,755	\$14,033	-	1,075,388	\$300,789	\$2,401,851
20	-	\$289,665	\$13,978	-	1,065,337	\$303,643	\$2,705,494
21	-	\$292,349	\$13,906	-	1,055,287	\$306,255	\$3,011,749
22	-	\$294,784	\$13,818	-	1,045,237	\$308,602	\$3,320,351
23	-	\$296,946	\$13,712	-	1,035,186	\$310,658	\$3,631,009
24	-	\$298,809	\$13,587	-	1,025,136	\$312,396	\$3,943,405
25	-	\$300,347	\$13,442	-	1,015,085	\$313,789	\$4,257,194
26	-	\$301,529	\$13,276	-	1,005,035	\$314,805	\$4,571,999
27	-	\$302,325	\$13,089	-	994,985	\$315,414	\$4,887,413
28	-	\$302,703	\$12,878	-	984,934	\$315,580	\$5,202,993
29	-	\$302,627	\$12,642	-	974,884	\$315,269	\$5,518,262
30	-	\$302,060	\$12,381	-	964,834	\$314,441	\$5,832,703
Totals:	-\$2,399,415	\$6,933,152	\$339,201	\$959,766	33,316,914	\$5,832,703	-

*Please note pricing does not include tax or shipping

8.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	12.2%	Net Present Value	\$1,871,905	Payback Period	8.3 Years
ROI	243.1%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	4.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$2,399,415	Total Cash Flow/ Savings	\$5,832,703	Total Electric Bill Savings	\$157,321

Years	Upfront	1	2	3	4	5	6	7	8	9	10	11
Cash												
Project Costs	-\$2,399,415	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	-	\$157,321	\$159,388	\$161,369	\$163,253	\$165,030	\$166,688	\$168,214	\$169,596	\$170,819	\$171,869	\$172,729
Grid Services	-	\$13,254	\$9,889	\$9,584	\$9,278	\$8,972	\$8,926	\$8,869	\$8,801	\$8,721	\$8,628	\$8,522
Direct Pay ITC	-	\$959,766	-	-	-	-	-	-	-	-	-	-
Cash Total	-\$2,399,415	\$1,130,341	\$169,277	\$170,952	\$172,531	\$174,002	\$175,614	\$177,083	\$178,397	\$179,540	\$180,496	\$181,250
Total Cash Flow	-\$2,399,415	\$1,130,341	\$169,277	\$170,952	\$172,531	\$174,002	\$175,614	\$177,083	\$178,397	\$179,540	\$180,496	\$181,250
Cumulative Cash Flow	-\$2,399,415	-\$1,269,074	-\$1,099,797	-\$928,845	-\$756,314	-\$582,312	-\$406,699	-\$229,616	-\$51,219	\$128,321	\$308,818	\$490,068

8.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	12.2%	Net Present Value	\$1,871,905	Payback Period	8.3 Years
ROI	243.1%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	4.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$2,399,415	Total Cash Flow/ Savings	\$5,832,703	Total Electric Bill Savings	\$157,321

Years	12	13	14	15	16	17	18	19	20	21	22	23
Cash												
Project Costs	-	-	-	-	-	-	-	-	-	-	-	-
Electric Bill Savings	\$173,383	\$173,813	\$174,000	\$173,924	\$276,877	\$280,342	\$283,641	\$286,755	\$289,665	\$292,349	\$294,784	\$296,946
Grid Services	\$8,401	\$8,266	\$8,115	\$7,947	\$14,113	\$14,100	\$14,074	\$14,033	\$13,978	\$13,906	\$13,818	\$13,712
Direct Pay ITC	-	-	-	-	-	-	-	-	-	-	-	-
Cash Total	\$181,784	\$182,079	\$182,115	\$181,871	\$290,989	\$294,442	\$297,715	\$300,789	\$303,643	\$306,255	\$308,602	\$310,658
Total Cash Flow	\$181,784	\$182,079	\$182,115	\$181,871	\$290,989	\$294,442	\$297,715	\$300,789	\$303,643	\$306,255	\$308,602	\$310,658
Cumulative Cash Flow	\$671,852	\$853,931	\$1,036,046	\$1,217,917	\$1,508,906	\$1,803,348	\$2,101,063	\$2,401,851	\$2,705,494	\$3,011,749	\$3,320,351	\$3,631,009

8.1 Cash Purchase

Assumptions and Key Financial Metrics

IRR - Term	12.2%	Net Present Value	\$1,871,905	Payback Period	8.3 Years
ROI	243.1%	PV Degradation Rate	0.80%	Discount Rate	5.0%
Energy Cost Escalation Rate	4.0%	Federal Income Tax Rate	0.0%	State Income Tax Rate	0.0%
Total Project Costs	\$2,399,415	Total Cash Flow/ Savings	\$5,832,703	Total Electric Bill Savings	\$157,321

Years	24	25	26	27	28	29	30	Totals
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Cash

Project Costs	-	-	-	-	-	-	-	-\$2,399,415
Electric Bill Savings	\$298,809	\$300,347	\$301,529	\$302,325	\$302,703	\$302,627	\$302,060	\$6,933,152
Grid Services	\$13,587	\$13,442	\$13,276	\$13,089	\$12,878	\$12,642	\$12,381	\$339,201
Direct Pay ITC	-	-	-	-	-	-	-	\$959,766
Cash Total	\$312,396	\$313,789	\$314,805	\$315,414	\$315,580	\$315,269	\$314,441	\$5,832,703
Total Cash Flow	\$312,396	\$313,789	\$314,805	\$315,414	\$315,580	\$315,269	\$314,441	\$5,832,703
Cumulative Cash Flow	\$3,943,405	\$4,257,194	\$4,571,999	\$4,887,413	\$5,202,993	\$5,518,262	\$5,832,703	-

9 ENVIRONMENTAL BENEFITS



OVER THE NEXT 20 YEARS, YOUR SYSTEM WILL DO MORE THAN JUST SAVE YOU MONEY. ACCORDING TO THE EPA'S GREENHOUSE GAS EQUIVALENCIES CALCULATOR ([SOURCE](#)), YOUR SOLAR PV SYSTEM WILL HAVE THE IMPACT OF REDUCING:



19,686

Ibs of CO2 Offset



44,749,192

Miles Driven By Cars



295,229

Trees Planted

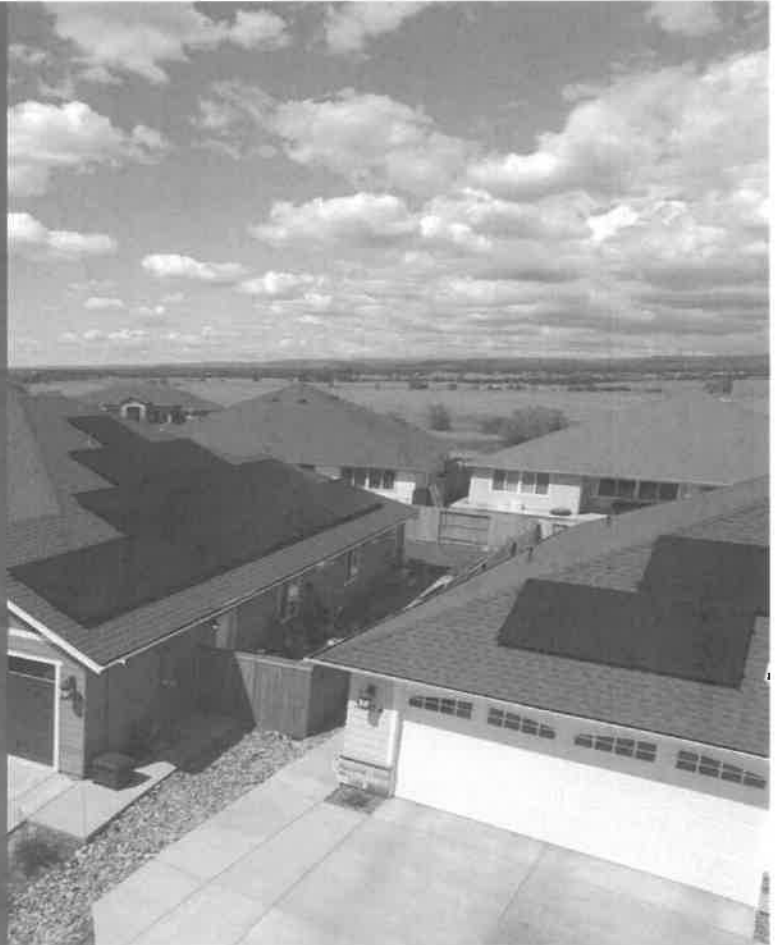


Proposal for a 922.56 kW solar project

Non-Export Option

SCOR

2880 S 5th Ave,
Oroville, CA 95965, USA



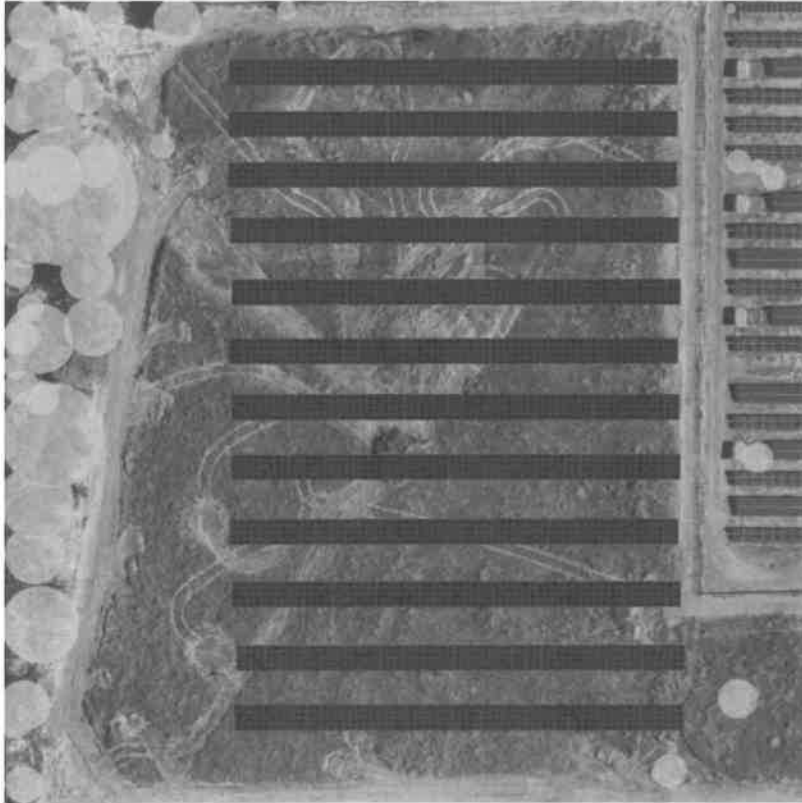
Company

United Sun Energy
+1 (530) 345-0400
www.unitedsunenergy.com
2625 Aztec Drive | Chico, CA 95928
kevin@unitedsunenergy.com
License number 977269
Electrical license number C-10

Your energy consultant

Kevin Harrasser
kevin@unitedsunenergy.com
+1 (530) 345-0410

Solar details



System size

922.56 kW DC

Panels

Q.TRON XL-G2.3 / BFG 620

Inverters

Tripower CORE1-US

Tripower CORE1-US

CEC-AC rating

853.342 kW AC

Estimated First Year Production

2,153,498 kWh

Consumption Offset

94%

Cash

Old utility bill	\$43,701.53/month
Estimated new utility bill	\$5,271.33/month
Estimated bill difference	\$38,430.21/month

#Actual new utility bill may vary if there are changes in utility rates, adjustments to energy usage, or modifications to the consumption profile.

Pricing

	Price	Discounts & rebates	Total price
Base Price for Solar Based on a 922.56 kW installation	\$2,517,620.00		
Gross Cost	\$2,517,620.00	-\$0.00	\$2,517,620.00
Federal Tax Credit Residential Renewable Energy Tax Credit - 30%		-\$755,286.00	
Cost after rebates & incentives*	\$2,517,620.00	-\$755,286.00	\$1,762,334.00

Note:

* Not everyone is eligible for credits, incentives, or rebates or can fully use them. Please consult your tax professional or legal professional for further information.

* Incentives are subject to change. The actual amount can be higher or lower than what is quoted, and may not stay at a fixed rate over time. It can also change based on the tax bracket you are in.

Project cost includes:

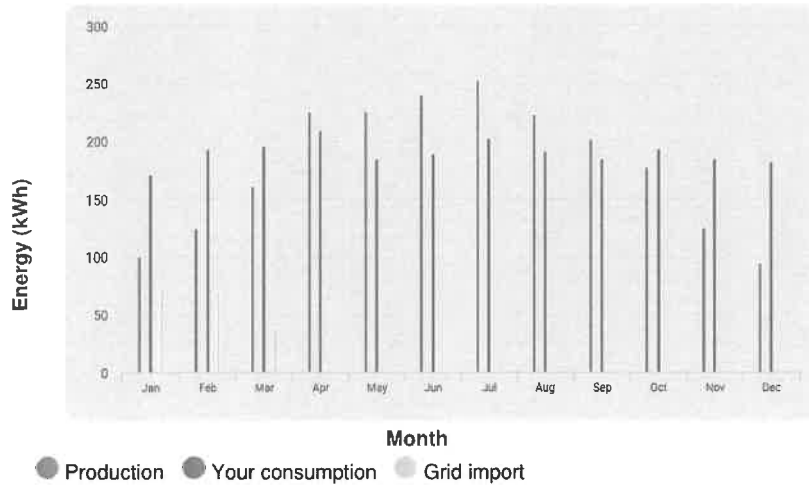
- \$190,150 for main service upgrade equipment, installation, & temp power. For solar interconnection.

Materials

Material	Description	Data sheet	Quantity
Panels	Q.TRON XL-G2.3 / BFG 620 (620 Watts)	Download	1488
Inverters	Tripower CORE1-US	Download	12
Inverters	Tripower CORE1-US	Download	12

Balance of system included

Usage Breakdown



Consumption Offset

94%

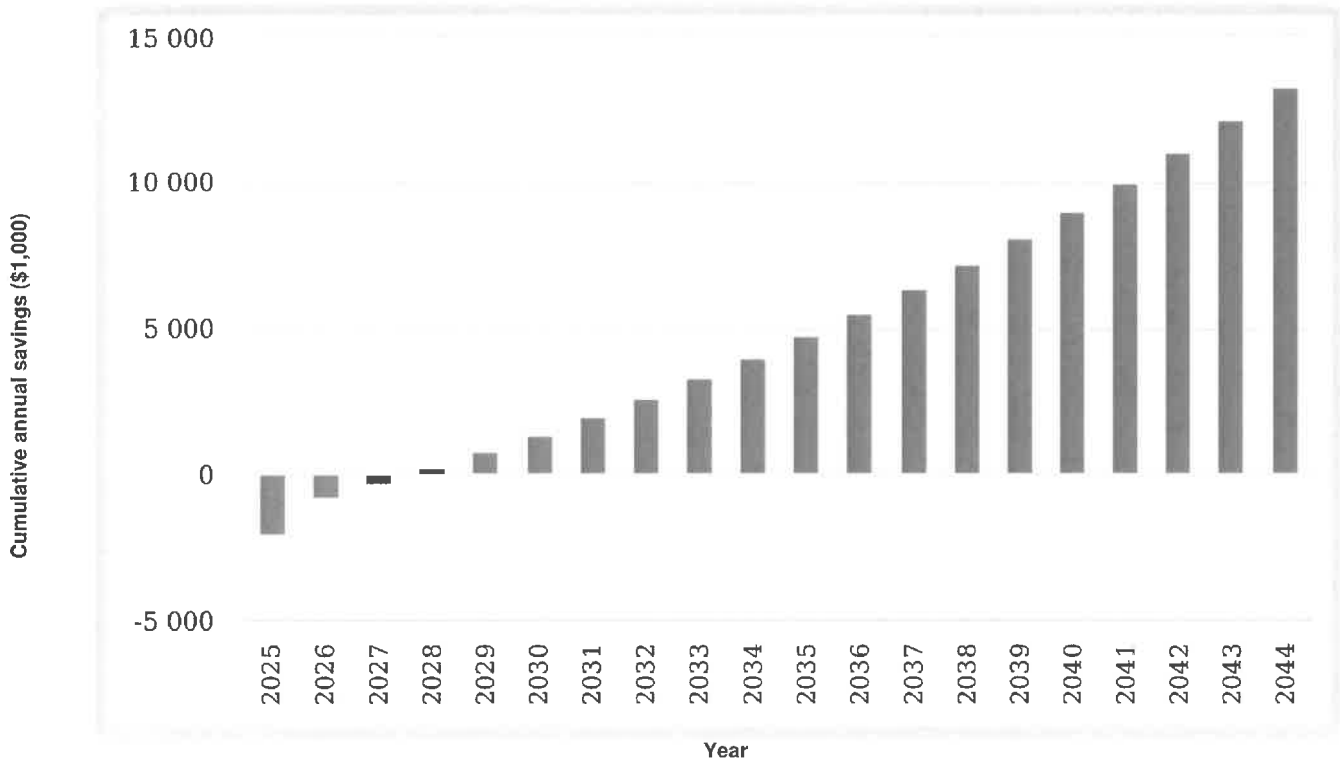
Estimated First Year Consumption

2,285,305.0 kWh

Estimated First Year Production

2,153,497.8 kWh

Estimated yearly cumulative savings



Assuming a 5.00% escalation rate on utility rate

Net savings

⊕	Utility savings	\$15,010,573.36
⊕	Incentive revenues	\$0.00
⊕	Tax benefits	\$755,286.00
⊖	Operating cost	\$0.00
⊖	Financial payments	\$2,517,620.00
	Net savings	\$13,248,239.36

Month-by-month details

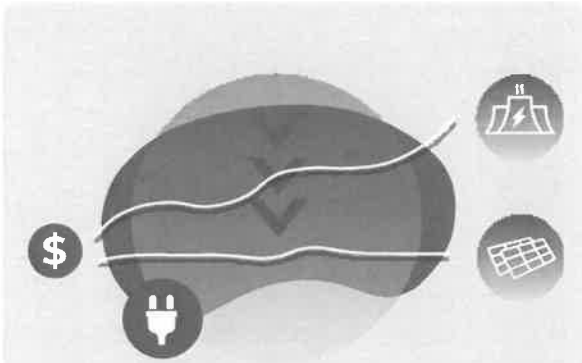
Month (2025)	Utility savings	Incentive revenues	Operating cost	Financial payments	Tax benefits	Monthly savings
January	\$38,430.21	\$0.00	\$0.00	\$2,517,620.00	\$0.00	-\$2,479,189.79
February	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
March	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
April	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
May	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
June	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
July	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
August	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
September	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
October	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
November	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
December	\$38,430.21	\$0.00	\$0.00	\$0.00	\$0.00	\$38,430.21
Total	\$461,162.47	\$0.00	\$0.00	\$2,517,620.00	\$0.00	-\$2,056,457.53

* For Net Savings, the cash price is not included in the monthly breakdown because it is assumed that it will be paid upfront (Month 0).

Year-by-year details

Year	Utility savings	Incentive revenues	Operating cost	Financial payments	Tax benefits	Annual savings
2025	\$461,162.47	\$0.00	\$0.00	\$2,517,620.00	\$0.00	-\$2,056,457.53
2026	\$483,555.56	\$0.00	\$0.00	\$0.00	\$755,286.00	\$1,238,841.56
2027	\$507,028.88	\$0.00	\$0.00	\$0.00	\$0.00	\$507,028.88
2028	\$532,035.03	\$0.00	\$0.00	\$0.00	\$0.00	\$532,035.03
2029	\$557,432.68	\$0.00	\$0.00	\$0.00	\$0.00	\$557,432.68
2030	\$584,476.08	\$0.00	\$0.00	\$0.00	\$0.00	\$584,476.08
2031	\$612,826.09	\$0.00	\$0.00	\$0.00	\$0.00	\$612,826.09
2032	\$643,019.02	\$0.00	\$0.00	\$0.00	\$0.00	\$643,019.02
2033	\$673,697.26	\$0.00	\$0.00	\$0.00	\$0.00	\$673,697.26
2034	\$706,358.95	\$0.00	\$0.00	\$0.00	\$0.00	\$706,358.95
2035-2039	\$4,080,083.59	\$0.00	\$0.00	\$0.00	\$0.00	\$4,080,083.59
2040-2044	\$5,168,897.76	\$0.00	\$0.00	\$0.00	\$0.00	\$5,168,897.76
Total	\$15,010,573.36	\$0.00	\$0.00	\$2,517,620.00	\$755,286.00	\$13,248,239.36

Benefits of Solar



Control your energy costs

As utility prices continue to climb you will enjoy predictable energy costs for years to come.

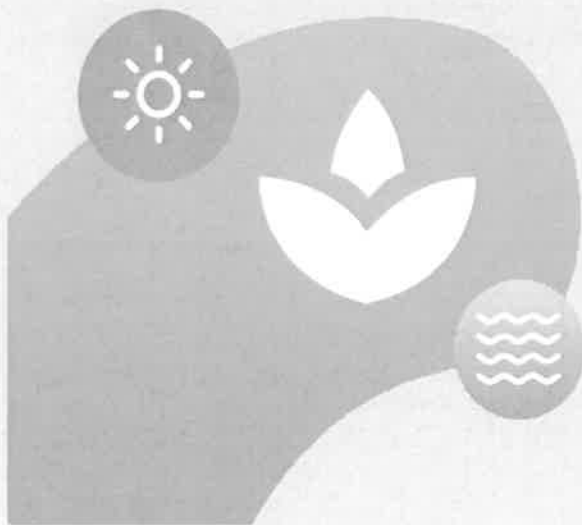


Increase the value of your property

A number of real estate studies find that solar is a building improvement that may increase the market value of your property.

Source: <https://www.nrel.gov/docs/fy08osti/42733.pdf>

Benefit your environment



4,096,423

Gallons of gasoline saved



1,549,145

Trash bags of waste recycled



606,749

Tree seedlings grown for 10 years



40,093,519

Pounds of coal saved

Environmental Compliance Report

To the SC-OR Commissioners and Staff from Kendra Morgan

March 25, 2025

INDUSTRIAL PRETREATMENT PROGRAM

INSPECTIONS

The dischargers submitted their monthly flow reports for February 2025. All dischargers and lines appear to be in compliance with their permits.

We had our NPDES State Board Inspection on February 26, 2025 at 10:00 AM. All of the information that the inspectors asked for was provided upon their arrival. After they looked at all of the paperwork that they had requested, they were then taken on a walkthrough of the plant. Everything went well and they were pleased with the inspection.

ENFORCEMENT

There are no enforcement items to report.

ACTIVITIES

All operations continued as normal in the laboratory and environmental areas.

Sewerage Commission - Oroville Region

Monthly Flows Report - Feb-25

Name of Agency	Total Monthly Flow (MG)	Average Daily Flow (MG)	Total Peak Flow (MG)	Date of Peak Flow
SC-OR Plant Total 19134 EDU's	147.042	5.252	24.88	2/4/2025
Lake Oroville Area P.U.D. 6,179 EDU's	40.816	1.458	8.40	2/4/2025
Thermalito Water and Sewer 2,980.96 EDU's	17.770	0.635	4.32	2/4/2025
City of Oroville 9,934 EDU's	88.456	3.159	12.16	2/4/2025

EDU % remaining

7.565%

Septage Pumps

0.4620 Million Gallons/Month

Monthly Rainfall

8.95 Total Inches/Month