

VISION:  
Every student will  
achieve their highest  
educational goals.

MOTTO:  
Students First!

**Pierce Joint Unified School District**  
**540A 6<sup>th</sup> Street**  
**P.O. Box 239**  
**Arbuckle CA 95912**  
**(530) 476-2892 \* (530) 476-2289 Fax**

MISSION:  
The Pierce Joint Unified  
School District is committed  
to provide a highly qualified  
staff in a safe and healthy  
learning environment.  
Parents and community  
members are partners in our  
education community.

**BOARD OF TRUSTEES SPECIAL MEETING**  
**PIERCE JOINT UNIFIED SCHOOL DISTRICT**  
**TECHNOLOGY BUILDING**  
**940A WILDWOOD ROAD, ARBUCKLE CA 95912**

**WEDNESDAY JULY 29, 2020 1:00 p.m.**

AGENDA

**Governing Board**

George Green, President

Amy Charter, Vice President

Abel Gomez, Board Clerk

Barbara Bair, Member

Nadine High, Member

Documents provided to a majority of the Governing Board regarding an open session item on this agenda will be made available for public inspection in the District Office located at 540A 6<sup>th</sup> Street, Arbuckle CA 95912, during normal business hours.

Message from the Board President:

This meeting is being recorded and may capture sounds of those attending the meeting.

**Pierce Joint Unified will hold SPECIAL board meeting on Wednesday, July 29, 2020 at 1:00 p.m.**  
**The health, well-being, and public safety of community members, public officials, and employees remain a top priority.**  
**Consistent with the orders from the Governor, in-person attendance in the**  
**Technology Building for the public will not be permitted.**

**Please know that you may join the meeting by phone and/or video.**

**To join the meeting, dial 1-817-369-8148 and enter PIN 967 698 217#**

**Please remember: to mute or unmute your phone, press \*6**

**The chat box will be monitored during the meeting, if you have a question or would like to speak, please use the chat box to alert the meeting organizer.**

1. CALL TO ORDER

A. *Pledge of Allegiance*

2. APPROVAL OF AGENDA

ACTION

3. HEARING OF THE PUBLIC

(Speakers will be given three (3) minutes to speak with a twenty (20) minute limit per topic)

4. Solar Report

INFORMATION

5. Consider and approve **Resolution 20/21 – 1: Resolution of the Board of Trustees of Pierce Joint USD Approving a Zero Percent Loan Application to the California Energy Commission for Funding of Specified Renewable Project**

ACTION

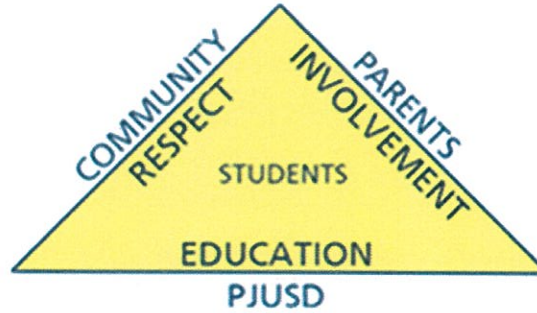
2020/21 Board Goals:

1. Pierce Joint Unified School District students will graduate high school college and career ready.
2. Pierce Joint Unified School District students will feel a sense of connectedness academically, socially, and physically in their schools.
3. Pierce Joint Unified School District will engage families and members of the greater school community as educational partners.



- 6. Consider and approve **Resolution 20/21 – 2: Budget Revision** ACTION
  
- 7. 2020/21 School Year Planning
  
- 8. CLOSED SESSION:
  - A. CONFERENCE WITH LABOR NEGOTIATOR: Pursuant to Government Code sec. 54957.6, the Board will meet in CLOSED SESSION to give direction to Agency Negotiator, Carol Geyer, regarding negotiations with PJUEA (Pierce Joint Unified Educators Association) and CSEA (California School Employees Association)
  
- 9. OPEN SESSION: ACTION
  - A. CONFERENCE WITH LABOR NEGOTIATOR: Pursuant to Government Code sec. 54957.6, the Board will meet in CLOSED SESSION to give direction to Agency Negotiator, Carol Geyer, regarding negotiations with PJUEA (Pierce Joint Unified Educators Association) and CSEA (California School Employees Association)
  
- 10. Adjourn

In compliance with the American with Disabilities Act, if you need special assistance to access the Board meeting room or to otherwise participate at this meeting, including auxiliary aids or services, please contact our office at (530) 476-2892 x13000. Notification at least 48 hours prior to the meeting will enable the office to make reasonable arrangements to ensure accessibility to the Board meeting. (Government Code § 54954.2)



*Pierce USD  
High School Solar Carport Project*

# *HIGH SCHOOL SOLAR CARPORT STRATEGY*

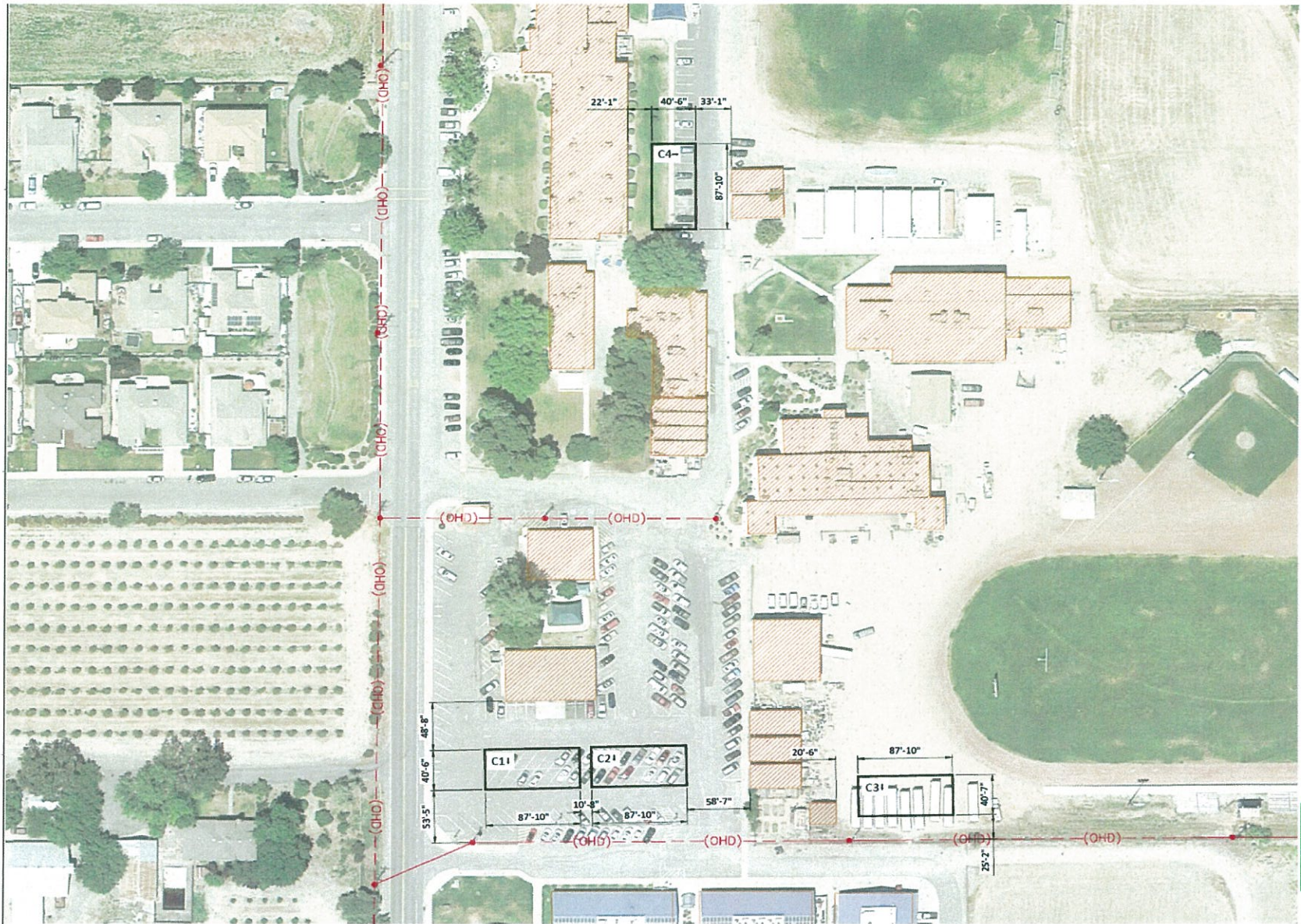
- *Annual Electric Costs \$111,215*
- *Annual kWh 467,495*
- *(3) Carport Arrays to address 90%+ of the current load*
- *0% Competitive Loan Program*
- *PG&E Expected Rate Increase 13%+ Nov 2020*



# ORIGINAL HIGH SCHOOL CARPORT SOLAR LAYOUT



# MOST CURRENT SOLAR CARPORT LAYOUT



## *SOLAR CARPORT COST/SAVINGS ANALYSIS*

<i>Project Cost</i>	<i>\$1,974,850</i>
<i>Est. First Year Savings (Cost Avoidance)</i>	<i>\$115,260</i>
<i>Est. Life Cycle Savings (Cost Avoidance)</i>	<i>\$4.8M</i>
<i>Est. 1<sup>st</sup> Year kWh</i>	<i>428,912</i>
<i>13.5 Year Payback</i>	
<i>Net Positive Cash Flow Day 1</i>	

- High School current Annual Electric Bill is \$111,215 (2019)*
- PG&E New Rate Increase 13% or \$125,672 (Nov 2020)*
- Additional increase in cost and consumption with Electric Bus Meter*
- Solar Carports will produce an Est. 428,912 kWh annually or 90%+ of the High Schools overall Consumption*

## *SOLAR CARPORT ESTIMATED CASH FLOW*

### *4% PG&E ESCALATOR*

Year	Estimated Annual Energy Cost <b>With Out Solar PV</b>	Estimated Annual Energy Cost <b>With Solar PV</b>	Estimated Annual Energy Savings	Annual Debt Service (18 Years)	Estimated Annual Cash Flow
1	125,672	10,412	115,260	(105,000)	10,260
2	130,699	10,828	119,870	(105,000)	14,870
3	135,927	11,262	124,665	(105,000)	19,665
4	141,364	11,712	129,652	(105,000)	24,652
5	147,018	12,181	134,838	(105,000)	29,838
6	152,899	12,668	140,231	(105,000)	35,231
7	159,015	13,175	145,841	(105,000)	40,841
8	165,376	13,701	151,674	(105,000)	46,674
9	171,991	14,250	157,741	(105,000)	52,741
10	178,870	14,820	164,051	(105,000)	59,051
11	186,025	15,412	170,613	(105,000)	65,613
12	193,466	16,029	177,437	(105,000)	72,437
13	201,205	16,670	184,535	(105,000)	79,535
14	209,253	17,337	191,916	(105,000)	86,916
15	217,623	18,030	199,593	(105,000)	94,593
16	226,328	18,751	207,577	(105,000)	102,577
17	235,381	19,501	215,880	(105,000)	110,880
18	244,797	20,282	224,515	(105,000)	119,515
19	254,588	21,093	233,496	(84,260)	149,236
20	264,772	21,937	242,835		242,835
21	275,363	22,814	252,549		252,549
22	286,377	23,727	262,651		262,651
23	297,832	24,676	273,157		273,157
24	309,746	25,663	284,083		284,083
25	322,136	26,689	295,446		295,446
<b>Total:</b>	<b>5,233,725</b>	<b>433,617</b>	<b>4,800,107</b>	<b>(1,974,260)</b>	<b>2,825,847</b>



# *CALIFORNIA ENERGY COMMISSION (CEC)*

## *0% COMPETITIVE LOAN PROGRAM*

### *Loan Program*

- *0% Competitive Energy Loan*
- *4 Regions- \$9.5M/Region*
- *Tier (1) \$1.5M (2) \$2M (3&4) \$3M*
- *Pierce is N2 (\$2M)*
- *(60) Districts in N2- (19) =/+ FRPM %*

### *Scoring*

- *FRPM Program is 50% of the Scoring (36pts)*
- *Savings/Baseline Energy is 50% of the Scoring (40pts)*
- *Pierce USD Solar PV Project 76pts out of 80pts*
- *Loan Application closes August 27, 2020*
- *Awarded by October 1, 2020*
- *System Operational 1<sup>st</sup> QTR 2021*



*PG&E RATE CHANGE NOV 2020*  
*MINIMUM 13% INCREASE*

Total Rates	A-10	Hours	Total Days	B-10	Hours	Total Days	% increase	
Peak Summer 12-6pm Monday-Friday May-Oct	\$0.232	6	132	\$0.265	5	121	13.2%	Peak Summer 4-9pm EVERYDAY June-Sep
Part-Peak Summer 8:30am-12pm, 6-9:30pm Monday-Friday (Except Holidays)	\$0.177	7	129	\$0.203	4	121	13.7%	Part-Peak Summer 2-4pm & 9-11pm EVERYDAY
Off Peak Summer All other Hours EVERYDAY	\$0.149	11	132	\$0.171	15	121	13.7%	Off Peak Summer All other Hours EVERYDAY
Part-Peak Winter 8:30am-9:30pm Monday-Friday Nov-April	\$0.147	13	130	\$0.189	5	243	25.0%	Peak Winter 4-9pm EVERYDAY Oct-May
Off Peak Winter All other Hours EVERYDAY	\$0.130	11	130	\$0.153	19	152	16.0%	Off Peak Winter All other Hours Super Off Peak Winter 9am-2pm Mar-May
				\$0.117	5	91		

RESOLUTION NO. 20/21 - 1

**Resolution of the Board of Trustees of Pierce Joint USD Approving a Zero Percent Loan Application to the California Energy Commission for Funding of Specified Renewable Project**

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WHEREAS, the California Energy Commission provides loans to schools, hospitals, local governments, special districts, and public care institutions to finance energy efficiency improvements;

NOW THEREFORE, BE IT RESOLVED, that Pierce Joint USD Board of Trustees authorizes Pierce Joint USD to apply for energy efficiency loan from the California Energy Commission to implement energy efficiency measures.

BE IT ALSO RESOLVED, that in compliance with the California Environmental Quality Act (CEQA), Pierce Joint USD Board of Trustees finds that the activity funded by the loan is exempt under CEQA Guidelines Section 15303 construction of small structures.

BE IT ALSO RESOLVED, that if recommended for funding by the California Energy Commission, the Pierce Joint USD Board of Trustees authorizes Pierce Joint USD to accept a loan up to \$1,974,850.

BE IT ALSO RESOLVED, that the amount of the loan will be paid in full, plus interest, under the terms and conditions of the Loan Agreement, Promissory Note and Tax Certificate of the California Energy Commission.

BE IT FURTHER RESOLVED, that Carol Geyer, Superintendent is hereby authorized and empowered to execute in the name of Pierce Joint USD all necessary documents to implement and carry out the purpose of this resolution, and to undertake all actions necessary to undertake and complete the energy efficiency projects.

Passed, Approved and Adopted this 29th day of July, 2020.

\_\_\_\_\_  
George Green, Board President

\_\_\_\_\_  
Amy Charter, Board Vice President

\_\_\_\_\_  
Abel Gomez, Board Clerk

\_\_\_\_\_  
Barbara Bair, Member

\_\_\_\_\_  
Nadine High, Member

**PIERCE JOINT UNIFIED SCHOOL DISTRICT**

**2020/21 BUDGET REVISION**

**July 29, 2020**

**RESOLUTION #20/21-2**

**General Fund 01**

2020/21 Estimated Beginning Balance      \$6,376,924  
 Estimated Income                                      15,772,855  
 Total Income + Beg. Balance                      22,149,779

**REVENUES:**

*Resource # and Description*

0000 LCFF - revision per State Adopted Budget

1400 EPA - LCFF Calculation  
 3210 ESSER Fund-CARES Act  
 6010 ASES - After School Program  
 6387 CTEIG-Career Technical Education Incentive Grant  
 7010 Ag Incentive Grant

	<i>Current Budget</i>	<i>Revenue Revision</i>	<i>Revised Budget</i>
	7,756,711	1,843,810	9,600,521
	<u>\$1,843,810</u>		
	1,887,400	(614,414)	1,272,986
	0	228,461	228,461
	227,969	30,368	258,337
	34,550	34,549	69,099
	20,633	6,212	26,845

Revenue Revision                                      1,528,986  
 Revised Revenue                                      17,301,841  
 Revised Revenue + Beg. Balance                23,678,765

**EXPENDITURES**

*Resource # and Description*

0000 Unrestricted  
 1400 EPA - LCFF Calculation  
 3210 ESSER Fund-CARES Act  
 6010 ASES - After School Program  
 6387 CTEIG-Career Technical Education Incentive Grant  
 7010 Ag Incentive Grant

	<i>Current</i>	<i>Expenditure Revision</i>	<i>Revised Expenditures</i>
	1,939,937	614,414	2,554,351
	1,887,400	(614,414)	1,272,986
	0	228,461	228,461
	227,969	30,368	258,337
	34,550	34,549	69,099
	20,633	6,212	26,845

Expenditure Revision                                299,590  
 Total Current Expenditures                      17,337,121  
 Revised Expenditure Budget                      17,636,711

2020/21 Estimated Beginning Balance              \$6,376,924  
 +Total Revised Revenue                              17,301,841  
 Less Revised Expenditure Budget                (17,636,711)  
 Estimated Ending Fund Balance                      \$6,042,054

PASSED AND ADOPTED this 29th day of July 2020 at a meeting of the Board of Trustees of Pierce Joint Unified School District.

AYES:  
 NOES:  
 ABSENT:

\_\_\_\_\_  
 Carol Geyer, Superintendent

\_\_\_\_\_  
 Date