



SRCS District-Wide Solar Photovoltaic (PV) Power Purchase Agreement (PPA) Project

Board of Education
April 15, 2023



CLARITY



San Rafael City Schools
TOGETHER 2024

Clarity

- **San Rafael City Schools (“District”) desires to design and build solar photovoltaic systems (“Solar Project”) in order to generate energy cost savings and to mitigate greenhouse gas emissions.**
- **This aligns with SRCS Strategic Plan Goal 4: Systems and Structures.**



CONTEXT



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Context

- In 2017 SRCS selected Sage Consulting / NV5 through a competitive RFQ for feasibility study of installing solar PV systems District-wide.
- In July 2020 the first solar PV projects were installed at Glenwood (GW) and San Pedro (SP).
- GW and SP solar PV portfolio saved SRCS **\$210,056** over the first three full years of operation. Offsetting carbon emissions equivalent to **148 cars** for one year, or **145 homes** for one year.

Context

- To build on the GW and SP success, SRCS followed the California Environmental Quality Act process and filed Notice of Exemptions with County Clerk in October 2022 for all potential solar PV sites.

FILED

OCT 11 2022

SHELLY SCOTT
MARIN COUNTY CLERK

By J. GILARDI Deputy

Context

- **Community Input meetings were held at all sites:**
 - ❑ **December 1, 2022 Terra Linda Neighborhood Meeting**
 - ❑ **December 5, 2022 Sun Valley Neighborhood Meeting**
 - ❑ **December 6, 2022 Bahia Vista Neighborhood Meeting**
 - ❑ **December 8, 2022 Davidson Middle School Neighborhood Meeting**
 - ❑ **December 14, 2022 San Rafael High School Staff Meeting**
 - ❑ **December 14, 2022 Venetia Valley TK-8 School Neighborhood Meeting**
 - ❑ **December 15, 2022 San Rafael High School Neighborhood Meeting.**

Context

- In February 2023, SRCS issued a competitive RFP for the District-Wide Solar PV Project. Interviews were held a year ago in April 2023.
- Following negotiations and conceptual design, we are here to present a proposal for Power Purchase Agreements with REC Solar Commercial Corporation (REC).

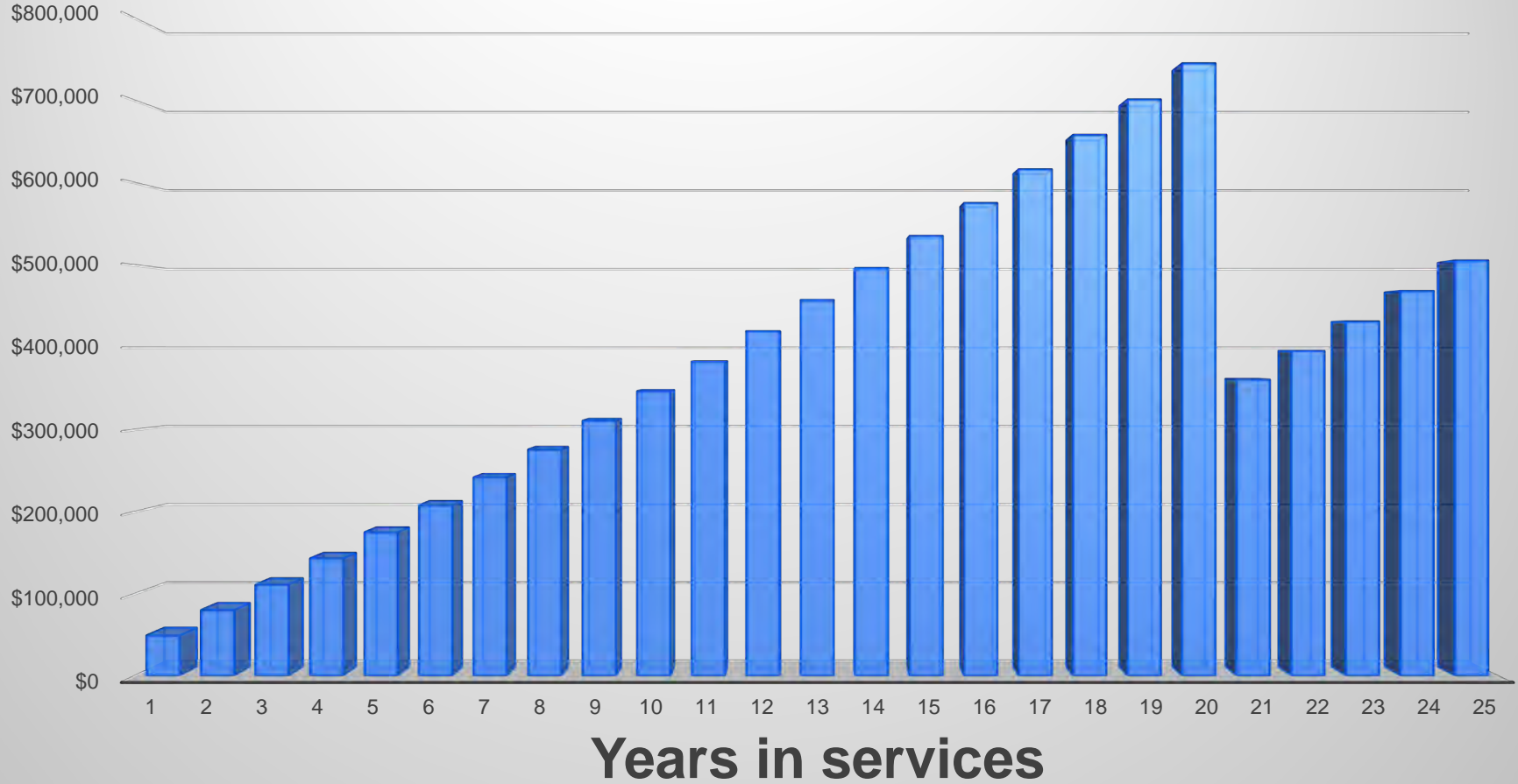
What is a Power Purchase Agreement (PPA)?

- REC Solar arranges design, permitting, financing and installation of Solar PV on SRCS property.
- REC sells the power generated to SRCS at lower rates than PG&E, generating SRCS savings.
- REC receives the income from sales of electricity and any tax credits and other incentives generated from the system.
- REC remains responsible for the operation and maintenance for the 25 year of the agreement.

Context

- REC Solar - has over 20 years of experience, this includes more than 100 systems for K-12 school district clients.
 - ❑ Jama Bond, Director, Channel & Inside Sales
 - ❑ Scott Therien, Sr. Business Development Manager
- Sage / NV5
 - ❑ David Williard, Principal

Est. Annual Savings



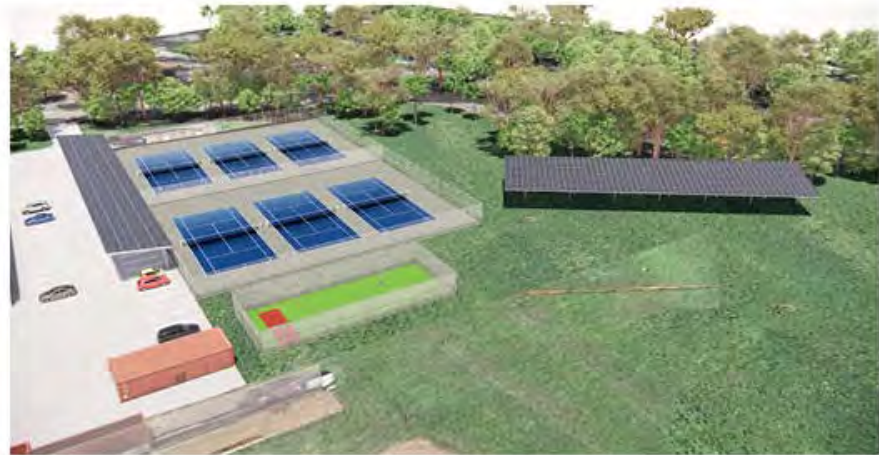
Context

- Savings over the 25 year life of the portfolio is estimated to be \$9,700,000.

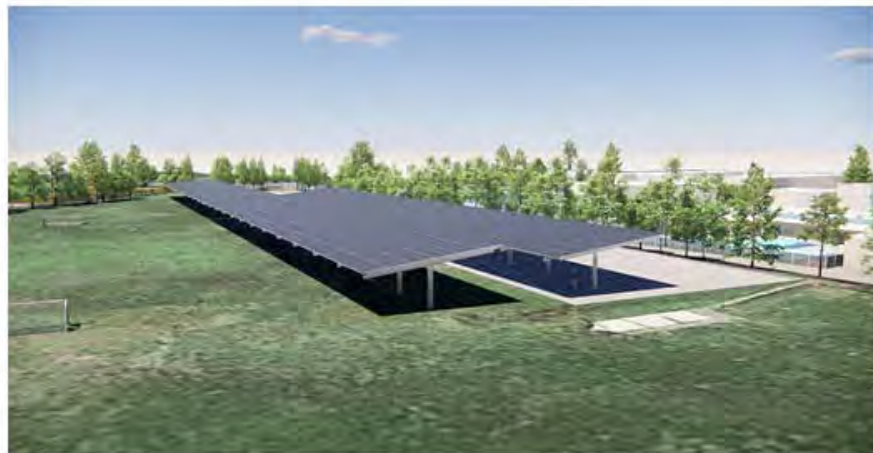
Davidson Middle School



San Rafael High School



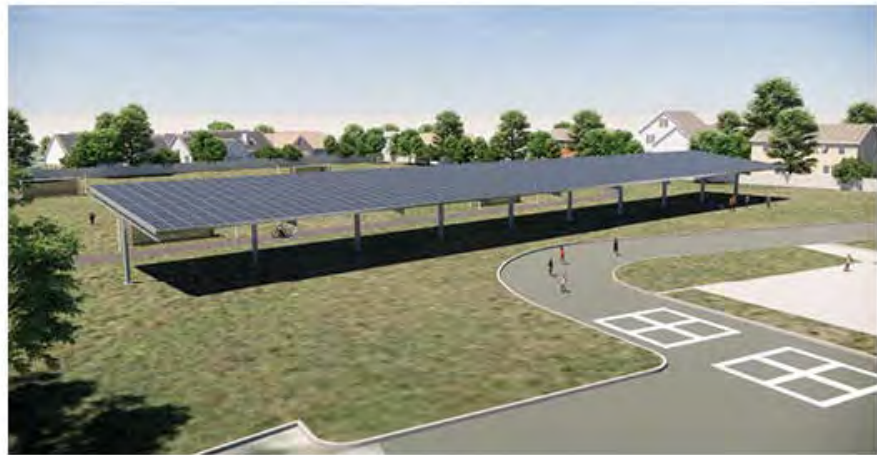
Terra Linda High School



Bahia Vista Elementary School



Ventia Valley TK-8 School





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- **SRCS is grandfathered under Net Energy Metering 2 (NEM 2), which expires if PV systems are not constructed before April 2026.**



NEXT STEPS



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Next Steps

- Board action on the resolution.
- If approved by the board, approvals from the Division of the State Architect (DSA)
- Construction and coordination with PG&E prior to the April 2026 NEM 2 deadline.



QUESTIONS



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