



# **Solar PV & Resiliency Community Information Meeting**

Presented by Dan Zaich  
& Zoe Respondek  
December 2022

# Agenda

- Solar & Resiliency Project Background
- District and Community Benefits
- Project Details and Schedule
- Site Layout and PV Examples
- Q&A

# Project Background

- SRCS is committed to reducing its environmental impacts with cost effective energy efficiency & renewable generation projects
- District completed first **pilot PV projects** at San Pedro Elementary and Glenwood Elementary
- District participated in PG&E's EV Charge program to install EV chargers w/no infrastructure cost to SRCS
- In 2021, SRCS conducted an updated district-wide solar feasibility study and identified an **additional 6 sites** for solar PV

# Community Benefits

- Provides locally generated, clean, renewable energy
- Provides teaching example of solar energy to learn in class
- Generates **~\$8.6M in cost savings over 25 years**
- Frees up General Fund \$\$ to be used in classrooms
  - Better Schools = Higher Property Values
- Statement of environmental stewardship for students & public

# The Value of Resiliency

## An Area of Priority for SRCS Bond Measures B & C:

- Value of Resiliency is priceless. Resiliency means keeping critical electrical circuits operational during a power outage, i.e., communications, refrigeration, lighting.
- Adding batteries and a microgrid to a solar system affects the economics of the project, i.e., the added costs are not as quickly recovered or offset.
- Batteries may also be discharged daily into the school during peak consumption periods (4-9pm) to avoid paying for high priced electricity.
- Offset utility cost savings from solar PV systems can be used toward the cost of batteries and microgrid components.

# Project Overview

Sites	Approximate Size (kW)
1. Bahia Vista ES	154
2. Davidson MS	379
3. Sun Valley ES	120
4. Terra Linda HS*	855
5. Venetia Valley ES	202
6. San Rafael HS*	1,010
Total	2,720 kW

*\*Site will have battery storage and microgrid component*

# Current Schedule

Event	Timeline
Community Engagement Meetings	December 2022
RFP Process	January – February 2023
Design	Spring 2023
Construction	Beginning Summer/Fall 2023
Final Completion & Operation	Early 2024



# Example PV Canopies





# Sun Valley ES



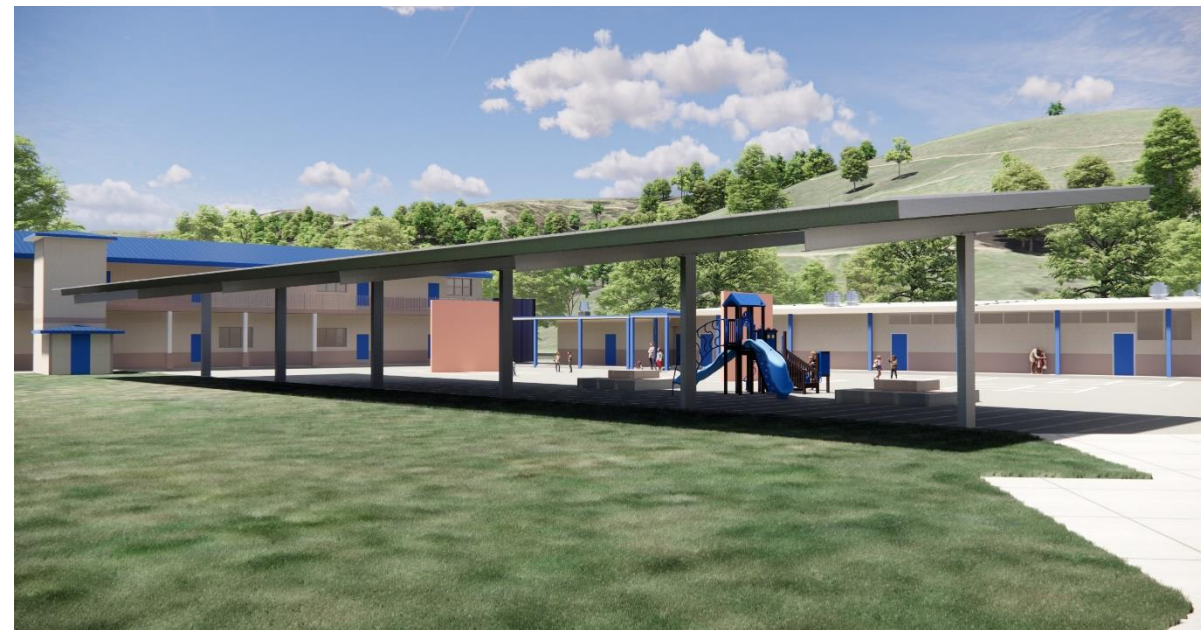


# Renderings





# Renderings



# Questions?

Dan Zaich, Ed.D.  
Senior Director – Capital Improvements, SRCS  
[dzaich@srcs.org](mailto:dzaich@srcs.org)

Zoe Respondek  
Project Manager, Sage Energy Consulting, an NV5  
Company  
[Zoe.Respondek@nv5.com](mailto:Zoe.Respondek@nv5.com)





# THANK YOU

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