



PV Installation | UG Utilities | Utility Scale Renewable Energy | SWPPP | Civil Grading  
Transmission Lines | Power Distribution | BESS Systems | IR Scanning | Structural Supports





# Welcome to SCC Energy

## SCC Energy Services, Inc. continues the tradition of setting new standards

for sustainable construction, providing cost and constructability input in a project's early stages, and implementing the latest in alternative energy sources, photovoltaics, recycled materials, BESS Systems, and IR scanning.

We have the experience and expertise in habitat restoration, LEED Certification, stormwater management plans, reports and monitoring, BMP identification, reclaimed water identification and systems, using green materials, and low impact development. The impact of high performance or sustainable construction on the surrounding environment is evident in many ways. It enhances and protects biodiversity and neighboring ecosystems, helps reduce solid wastes, and conserves natural resources by harnessing alternate energy sources such as solar power.

## OUR RENEWABLE ENERGY SERVICES

- PV Module Installation
- UG Transmission Lines
- Medium Voltage Cable
- O&M Support Buildings
- Module Support Structures
- Balance of Systems

## Meet the Team



**Tony Ewalt**  
President

Tony has over 25 years of experience. He brings construction experience, technical knowledge, integrity, and good working relationships within the field. He is client-driven and committed to completing all projects within budget and on time.



**Josh Guisti**  
Vice President

Josh brings more than 28 years of experience to his role. He ensures the project team is meeting all of the Owner's expectations and remains up-to-date on all project issues. He will assist the team in meeting the project's goals.



**Shane Kilgore**  
Operations Manager

Shane brings over 33 years of experience in electrical construction. He excels in overseeing daily operations, optimizing processes, and ensuring compliance with industry standards. He is dedicated to driving efficiency and fostering a culture of safety.

# OUR COMMITMENT TO SAFETY

Our safety plan is reviewed weekly once construction begins and updated throughout construction as different phases of work progress. The safety plan is based on engineering assessments and includes methods of protecting structural integrity, worker safety and public safety. It provides guidelines for noise allowances, hazardous materials and debris removal.

To properly implement the Site-Specific Safety Plan, one of the primary duties of SCC's on-site project superintendent is to ensure a safe worksite. It is SCC's approach to team with OSHA from the start of the project for regular site review and open communication between all parties to promote a ***ZERO ACCIDENT*** site and project. SCC has developed comprehensive documentation that addresses our specific safety and health concerns and provides guidance for the performance of the individual job tasks within the framework of the appropriate OSHA standards.

## INJURY RATE & CITATIONS

No.	Category	Injury Rate by Year		
		2021	2022	2023
1	Number of Recordable Only Cases (Medical Treatment Only) Including Subcontractors	0	2	0
2	Number of Restricted or Transferred Cases (Including Subcontractors)	0	0	0
3	Number of Lost Work Days Cases (Including Subcontractors)	0	0	0
4	Number of Fatalities (Including Subcontractors)	0	0	0
5	Number of Total Injuries (Columns 1+2+3+4)	0	2	0
6	Total Manhour (Including Subcontractors)	12,040	323,081	98,992
7	Total Recordable Cases (TRC) [(Column 5) x 200,000/(Column 6)]	0	1.24	0
8	Days Away, Restricted and Transferred rate (DART) [(Column 2+3) x 200,000/(Column 6)]	0	0	0
9	Lost-Time Injury Rate (LTI) [(Column 3) x 200,000/(Column 5)]	0	0	0

## EXPERIENCE MODIFICATIONS RATES (EMR)

Year.	Rate
2023	.59
2022	.61
2021	.61



PROJECT COMPONENTS

BUDGET

\$44,000,000

CIVIL

Installation of Erosion Control, Fence, & Temporary Electrical Service; Grading & Compacting; Access Road Site Prep; Tortoise Fencing

BOS

Post Survey/Installation; Installation of Tracker Structure, Motor, Bracket, & Controls; Module Installation & Terminations; Installation of Cable Tray, Cable, Trunk Buss, AC Feeders, Combiner Box, PCS, Wiring Harnesses, Met Station, & Soiling Station; Commissioning of AC Cable Testing, DC Cable Testing, Ground Grid Testing, Fiber/Ethernet Testing; VOC Testing; Functional DCI Testing

COLLECTIONS

Wire Installation; Substation Terminations; Testing and Commissioning

PLANT SIZE

104MWac (Site Area 745 Acres/  
Disturbance Area 518 Acres)

SINGLE AXIS TRACKER

NEXTracker, (4,615 EA. 240 Module Single Axis Trackers)

SOLAR ARRAYS

32 EA. (Arrays with 32 EA. PCS Power Inverters AC/DC), 1,107,600 EA. First Solar Series 4 CdTe Solar Modules

MV AC FEEDER TRENCHING

~67,000 L.F.

DC TRUNK BUSS

~1,250,000 L.F.

SOLAR WORKERS

~500+ Workers at Peak Manpower

Completed Projects

SUNSHINE VALLEY  
SOLAR ONE

Amargosa Valley, NV | 2020

The Sunshine Valley Solar One facility is a 745 acre parcel in Amargosa Valley residing in Nye County, Nevada, 101 miles northwest of Las Vegas. The Balance of Systems (BOS) Scope of Work (SoW) consisted of the installation of ~1,107,600 First Solar Series 4 Cadmium Telluride, (CdTe) Solar Modules, 4,615 NEXTracker Module Racking Systems, 53,630 wide flange galvanized tracker support piers, and 32 DC/AC Inverters. The Sunshine Valley Solar facility is a 104 MWac/133 MWdc central inverter, single axis tracker system designed for a 25 year life expectancy.

The facility will produce ~302,000 megawatts (MW) of power per year, enough solar energy to serve the needs of 23,000 average homes per year, displacing ~178,000 metric tons of carbon dioxide annually which is the equivalent of taking ~26,000 cars off the road.



JACOBSON SOLAR

Kingman, AZ | 2017

PROJECT COMPONENTS

BUDGET

\$1,800,000

STRUCTURE

Installation of Concrete Foundations and Mechanical Racking including driven steel piers, Shelter Foundations, and Module Support Structures

ELECTRICAL

Installation of Solar PV Modules, Inverters, Transformers, Disconnects, Combiner Boxes, DC Feeders, Trunk Wiring; Perform System Testing

STATELINE

Nipton, CA | 2016

PROJECT COMPONENTS

BUDGET

\$66,000,000

O&M BUILDING

Underground; Framing; MEP Rough-In; Cabinets; Appliances; Patio Cover; Substation Conduits; IT Monitoring

BOS

Tilt Brackets; Tables; DC Feeders; AC Feeders; Combiner Box Set/Terminations; PCS Set/Terminations; PVCS Set/Terminations; Module Installation/Terminations; Wiring Harnesses; Pre-Functional Testing







# CUYAMA

Cuyama, CA | 2017-2018

## PROJECT COMPONENTS

### BUDGET

\$21,000,000

### BOS

Post Survey/Installation; Installation of NEXTracker System; Installation of Trunk Buss, String Inverters, DC Feeders, AC Feeders, AC Power Panel, Transformer and DAS Rack Pads, DAS Rack, Wiring Harnesses, Sectionalizing Cabinets; Module Installation and Terminations; Commissioning and Testing

### MOVE-ON

Grading; Fence; Mowing; Rock Slope Protection; Site Restoration; and Alternate Water Source Retrieval



## PROJECT COMPONENTS

### BUDGET

\$31,000,000

### PROVIDE AND INSTALL

CAB System, DC Feeder & Ground; Inverters; DC Terms; MV/Fiber; Sectionalizer Cabinets; AC Fiber; Scada; String Wire/Harness; Wire Management; CX Box

### TESTING

CX Box; Fiber Terms; Pre-Function Inverter

### COLLECTIONS

Wire Installation; Substation Terminations; Testing and Commissioning

### PLANT SIZE

174 MWac/215 MWdc  
(Site Area 430 Acres)

### SINGLE AXIS TRACKER

NEXTracker Horizon 6,077 Module Single Axis Trackers

### SOLAR ARRAYS

53 Arrays, 53 Sungrow Inverters, 865 Combiner Boxes, 360,372 FS Series 6+ modules, 415,440 FS Series 4 modules

### FEEDER TRENCHING

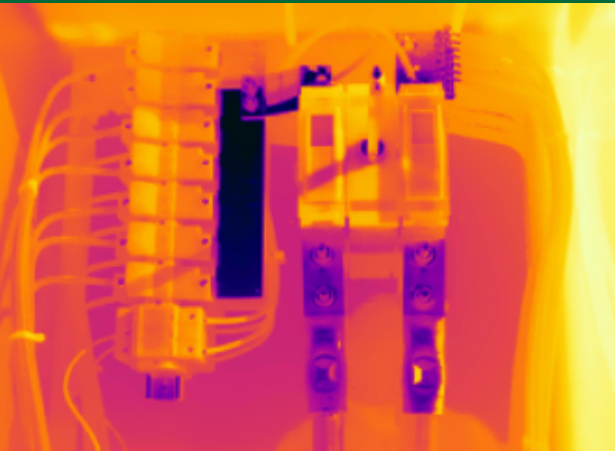
92,500 linear feet of plowed-in MV Cable

### DC SOURCE CIRCUITS

60,062 Series 6 Voltage strings, 27,696 Series 4 Voltage Strings

### SOLAR WORKERS

~375 Workers at Peak Manpower



# ELM BRANCH

Ennis, TX | 2021

## PROJECT COMPONENTS

### BUDGET

\$9,000,000

### PROVIDE MATERIAL AND LABOR FOR INSTALLATION OF

Inverters, Skid Terminations, MV/Fiber, AC Wire, DC Feeder, Sectionalizer Cabinets, Tracker Motor Wiring, String Wire/Harnesses, CX Box, Fiber Terminations, and Testing



# CHAPARRAL SPRINGS

Rosamond, CA | 2023

The Chaparral Springs Solar project is a 174 MWac site on a 430 acre parcel located in Kern County, CA. The Balance of Systems (BOS) SoW consisted of the installation of 415,440 FS series 4 modules, 360,372 FS Series 6+ modules, 53 Sungrow DC/AC Inverters, 865 Combiner boxes, 60,062 Series 6 DC source circuits, 27,696 Series 4 DC source circuits and 6,077 NEXTracker Module Racking system tables. The Chaparral Springs Solar facility is a 215 MWdc/174 MWac central inverter, single axis tracker system designed for a 25 year life expectancy.

The facility will generate ~504,600 MW of power annually, providing enough solar energy to meet the needs of 30,000 average households and displacing around 297,000 metric tons of carbon dioxide each year, equivalent to removing nearly 43,500 cars from the road.





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