



Suntrek Industries, Inc

Statement of Qualifications

Government • Residential • Commercial



www.suntreksolar.com

CORPORATE STATEMENT

Suntrek Industries, Inc. enjoys a strong reputation in the solar energy industry as a competitive, creative, hard-driving sales, design and installation organization. Since forming the company in 1991, Roy Heine has led the company through several key developments.

Suntrek focuses on solar swimming pool heating, photovoltaic, energy storage, and domestic water-heating markets, thereby rounding out its solar energy portfolio to include what it has branded as The Solar Power of Three™ (solar swimming pool heating, solar electricity and solar hot water). Suntrek is one of the few companies in the United States that has combined expertise in all three areas with sales, design and installation knowledge. It is indeed rare for any company to be able to manage projects involving both water and electricity. The company has completed several signature designs and installations, operating as a single source provider to customers ranging from individuals to corporate and government entities.

Suntrek has several offices in the western United States, with internal design and installation capability. The organization boasts a strong management team, a clean balance sheet, and great relationships with customers and vendors alike. The Suntrek sales / design team covers much of the southwestern region of the U.S. and continues to generate new business opportunities daily.

The company is competitive with large organizations, and consistently engages in bidding on larger commercial projects. By aligning itself with large-scale companies, Suntrek continues to be a part of hefty projects by generating new partnerships with complementary service and hardware providers. Suntrek is now partnering on large projects with companies such as CLIMATEC, RE-GREEN, LUSARDI CONSTRUCTION, MORELY BUILDERS and the like.

Recognizing the need to compete on a number of levels that include financing and sourcing arrangements, the company has arranged for financing with Morgan Stanley, American Capital, Clean Power Finance, SunPower, Canadian Solar and Wells Fargo among others. With our partners, Suntrek has many financing vehicles at its disposal including, but not limited to, operating leases, capital leases, solar loans and Power Purchase Agreements (PPAs). By working with industry leading partners in the manufacturing and finance industries, Suntrek can further extend its reach into the marketplace.

Company marquee projects include solar energy systems for the Department of Defense, the Church of Jesus Christ of Latter-Day Saints, City of Merced John Latoracca Correctional Facility, McDonalds Restaurants, Pomona College, Yosemite National Park, San Diego Unified School District, Long Beach Airport, Edison's Innovation Village, the California Department of Transportation and the High Desert Hospital, MACC campus to name just a few. In addition, Suntrek has worked closely with production home builders and multi-family developers such as Avalon Bay Properties, The Irvine Company, Investments Concepts, Warmington Homes, Brookfield Homes, The Irvine Company, McCaffrey Homes, Blue Heron Homes, AIMCO and Beazer Homes.

CORPORATE FACT SHEET

Company name: Suntrek Industries Incorporated

Type of Entity: California Corporation

Founded: 1991

Project focus: Solar Electricity, Energy Storage Systems, Domestic Hot Water, and Swimming Pool Solar Heating (Installations: Over 30,000)

State Contractor's Licenses:

CA: 859460

NV: 0039030, 0070340

AZ: ROC255609, ROC250353

UT: 7532981-5501

Markets served: Residential, Commercial, Government, Non-Profit, Public Schools, Military, and Utility

Web Site: www.suntreksolar.com

Associations:

California Solar Energy Industries Association (CALSEIA), California Association of Community Managers (CACM), Solar Energy Industries (SEIA), Building Industry Association (BIA), Community Associations Institute (CAI), Better Business Bureau (BBB), Independent Pool and Spa Service Association (IPSSA), United Pool Association (UPA) and Multiple Chambers of Commerce

Certifications:

NABCEP

Solar Rating and Certification Corporation Products certified by Florida Solar Energy Center

Risk Management by: Milestone Risk Management & Insurance Services

SUNTREK REGIONAL OFFICE LOCATIONS

Southern California:

5 Holland Drive
Building # 215
Irvine, 92618

Northern California:

721 E 18th St
Antioch, 94509

Nevada:

6560 Spencer Street, # A1-105
Las Vegas, 89119

Since our first patent, we have been widely recognized for consistently manufacturing, designing, and installing high-quality solar energy systems backed by outstanding warranties and customer support. With locations in California and Nevada and dealers throughout North America, we have provided custom solar energy solutions to over 30,000 customers world-wide. The majority of our business comes from the referral of satisfied builders and customers who have experienced our products and services first-hand.

EXECUTIVE MANAGEMENT TEAM

The Management Team at Suntrek Industries has been developed since 1991. Key qualities that are required to join the team are a strong work ethic, integrity, and the desire to exceed customer expectations. Suntrek boasts a strong project management team that includes leaders from a variety of markets and industries.



Ethan Heine, President and CEO

Ethan Heine grew up in the solar industry and first began participating in solar installations with our Yosemite National Park project in 2010. Since then, Ethan has learned the business from the ground up. With experience at Suntrek in solar installations, operations, sales, and management, Ethan is the visionary for Suntrek's future.



Roy Heine, Founder and Advisor

Roy Heine began his solar energy career in 1978. Since that time Roy has been involved with over 25,000 solar energy projects ranging from small residential to large scale commercial. A graduate of James Madison University, Roy founded Suntrek Industries, Inc. in 1991 with a passion for solar as well as a concern for the environment.



Joyce Armstrong, Director of Finance and Human Resources

Joyce joined the Suntrek Industries, Inc. team in June 2013. She is responsible for the accounting, budget, audit and human resource functions of the corporation.



Aaron Hill, Technical Director

Aaron Hill began his career at Suntrek in 1996. A solar industry veteran since 1988, Aaron has a wealth of systems engineering and project management expertise. In addition to patent design work and solar energy engineering, he is responsible for writing installation manuals and training customers and subcontractors in installation procedures and product operation.

**Tabitha Givens, Regional Manager (Norcal)**

Tabby has over 15 year of experience at Suntrek Industries, Inc. She has grown from an administrative assistant to a top producer at Suntrek, generating new business and managing the Northern California region.

**Amanda Lehrer, Regional Manager (Nevada)**

Amanda has over a decade of experience at Suntrek Industries, Inc. She brings to the team a wealth of industry knowledge and is the face of our operations in the state of Nevada.

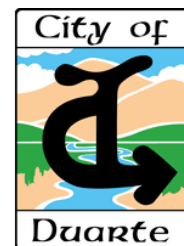
**Sabrina Monisky, Director of Operations**

Sabrina has years of experience in electrical and roofing applications. She has developed and responsible for the implementation of processes and policies company-wide that make Suntrek an efficient operation.

**DJ Delten Regional Sales Manager (Nevada)**

DJ has a wealth of knowledge and experience in solar thermal and solar PV applications. He is the visionary for all business development and sales in the Nevada Market.

GOVERNMENT PROJECTS



CASE STUDIES – Photovoltaics

Yosemite National Park

Yosemite Valley, CA

Suntrek was contracted to design and install the largest photovoltaic system in the National Park Service's History at Yosemite National Park. The project encompasses over 700kw of PV solar and covers roofs, carports, walls, and specially designed wall extensions



CASE STUDIES – Photovoltaics

Long Beach Airport

Long Beach, CA

The Long Beach Airport Photovoltaic Project featured bi-facial solar modules mounted on dual-axis trackers. This project is considered a cutting-edge demonstration of solar power and featured by the city.



CASE STUDIES – The Solar Power of Three™

Pomona College

Claremont, California

This is an industrial-strength version of Suntrek's Power of Three, Suntrek has installed a 10,000 square foot pool-heating system, a 100kW PV system, and a large solar hot water system at the college.

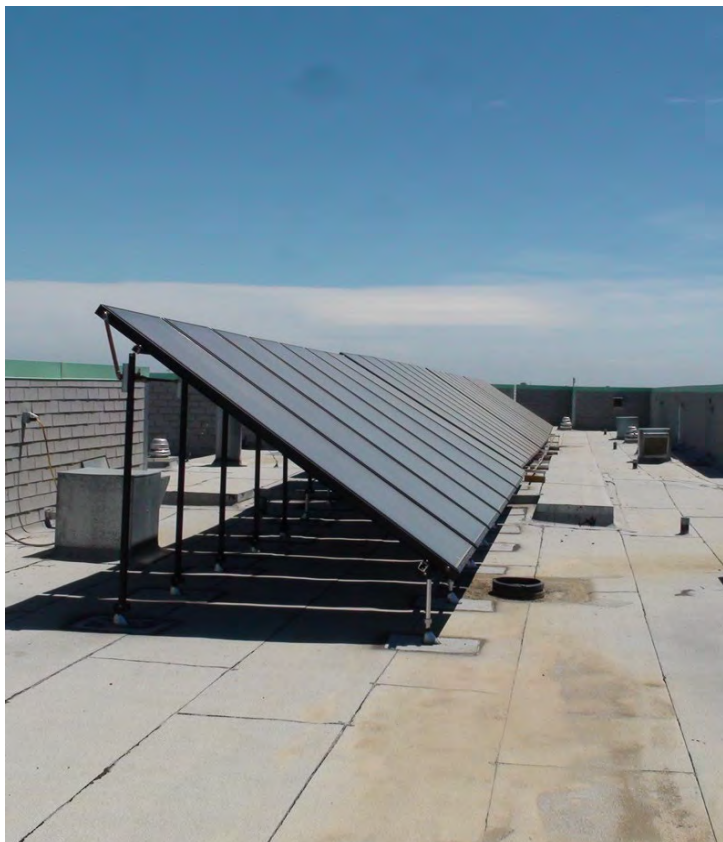
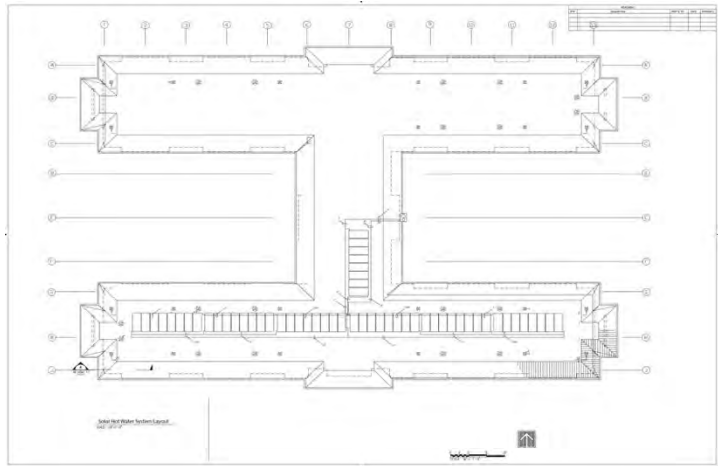


CASE STUDIES – Domestic Hot Water

Lemoore Naval Air Station

Lemoore, CA

Suntrek is installed 56 flat panel hot water collectors, a 20,000 gallon tank and 4 heat exchangers at Lemoore Naval Air Station for domestic hot water heating



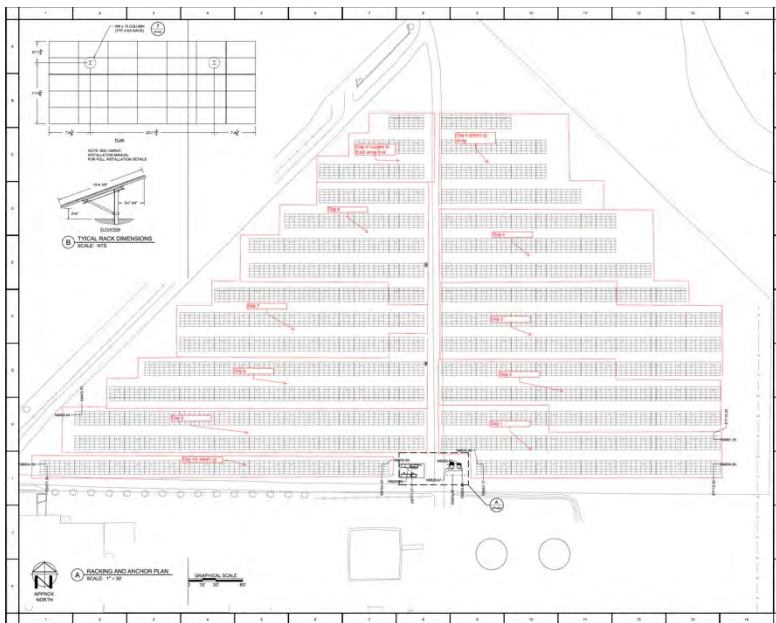


CASE STUDIES – Photovoltaics

John Latoracca Correctional Facility

Merced, CA

Suntrek has teamed with Siemens who is installing a 1.4mW solar system at the facility. Suntrek will be constructing the racking for this ground mount system, erecting the A frame structure and cross rails

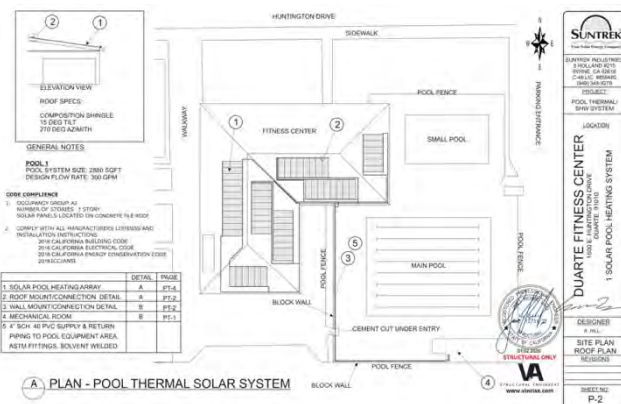


CASE STUDIES – Swimming Pool Solar

Duarte Fitness Center - Climatec

Duarte, CA

Suntrek designed and installed a solar thermal pool heating system for the city of Duarte, CA. Suntrek combined efforts with CLIMATEC to provide several energy efficiency measures for the city. (2019)



NOTES:

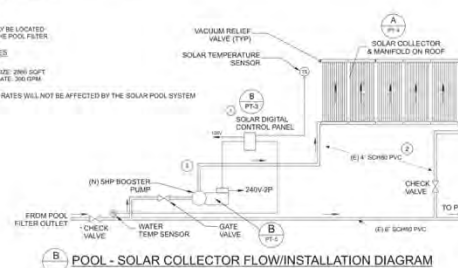
1. CONTROL WIRING CONNECTS TO LINE SIDE OF 240V/240V POOL PUMP TIME CLOCK, 120V/240V
2. ALL ROOF PIPING SHALL BE BLACK SCH 40 PVC, ASTM F1136, SOLVENT WELDED
3. ALL PIPING FROM EQUIPMENT TO ROOF SHALL BE SCH 40 PVC, ASTM F1136, SOLVENT WELDED

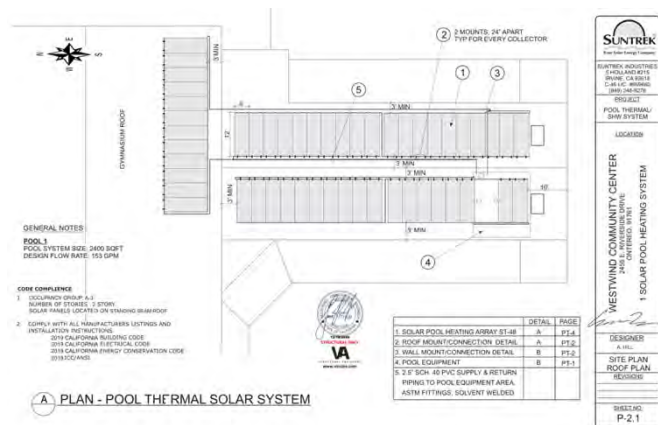
RENEW
E-CHARTING
CHECK VALVE MAY BE LOCATED UPSTREAM OF THE POOL FILTER

GENERAL NOTES

1. POOL SYSTEM SIZE: 2000 GPD
2. DESIGN FLOW RATE: 300 GPM

FILTRATION FLOW RATES WILL NOT BE AFFECTED BY THE SOLAR POOL SYSTEM






CASE STUDIES –Swimming Pool Solar

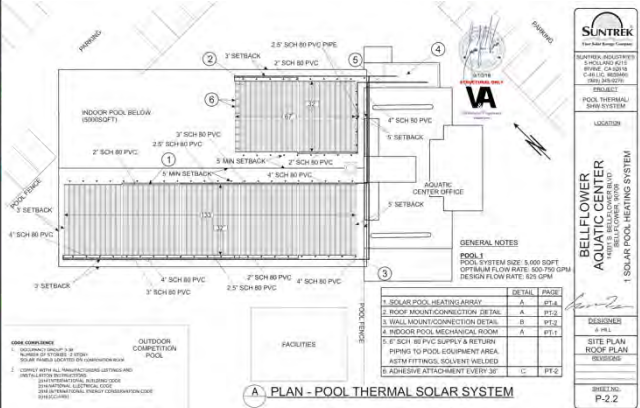
Bellflower Aquatic Center

Bellflower, CA

Suntrek teamed up with Climatec to design and install a 5000 Sq Ft solar thermal pool heating system for the City of Bellflower. The system will keep an indoor competition swimming pool at competition standard temperatures. community swimming pool with tens of thousands in gas savings.



 Suntrek Your Solar Energy Company™ www.suntreksolar.com 1.800.292.7648		SOLAR POOL HEATING PROPOSAL				
Solar Analysis Provided by: Ethan Heine Voice: (949) 348-9276 Fax: (949) 348-1626 Email: ehaine@suntreksolar.com		Technical specifications: Collector: Suntrek EPDM Elastomer Manifold: Polypropylene, 2" Diameter, 28" long, 72 channels Weight: 1LB per SQ foot empty, 1 1/2 LBS. full BTU Rating: 1024 FT²/day Made in USA under patent # DES 420,420				
		California: Corporate Headquarters 5 Holland Ste 215 Irvine, CA 92618 (949)348-9276				
		Northern CA Office 4851 Sunrise Drive Ste 102 Martinez, CA 94533 (925)372-8983 Nevada: 6560 S Spencer St A1-105 Las Vegas, NV 89119 (702)362-3611				
APPENDIX (A) PROJECT: Bellflower Aquatic Center - Indoor Pool						
Section 1		(WBAN NO. 23234) Los Angeles, CA (Installed at 19 Degree Tilt)				
	POOL EST Load [10*6 Btu]	Heater Load No solar	heater load with Solar	SOLAR Production [10*6 Btu]	SOLAR Fraction [%]	ESTIMATED GAS BILL
January	663	872	462	201	30.39%	\$3,646.6
February	624	821	373	250	40.13%	\$2,950.22
March	585	770	304	281	48.05%	\$2,402.55
April	496	652	174	321	64.88%	\$1,374.8
May	412	542	91	322	78.03%	\$715.33
June	323	426	1	322	99.65%	\$9.0
July	227	299	0	350	100.00%	\$0.0
August	197	260	0	319	100.00%	\$0.0
September	267	351	0	292	100.00%	\$0.0
October	374	493	127	247	66.07%	\$1,003.5
November	530	697	314	215	40.68%	\$2,482.22
December	663	872	475	188	28.37%	\$3,751.1
Conservative, Yearly Estimated Production: 3310.76					After solar est. bill	\$18,335.6
FINANCIAL Analysis						
YEAR	Cost W/O Solar	Yrly Gas Savings	O and M Cost	Cumulative Cash Flow		
1	\$42,356	\$24,020	-881.05	-84,767.30	ASSUMPTIONS	
2	\$46,591	\$26,422	-916.29	-38,345.19	Discount Rate 6%	
3	\$51,250	\$29,064	-952.94	-9,280.88	Inflation Rate 3%	
4	\$56,375	\$31,971	-991.06	22,689.87	Escalation of Annual O&M cost: 4%	
5	\$62,013	\$35,168	-1,030.70	57,857.69	Escalation of energy sales price: 10%	
6	\$68,214	\$38,685	-1,071.93	96,542.29		
7	\$75,036	\$42,553	-1,114.81	139,095.35		
8	\$82,539	\$46,808	-1,159.40	185,903.72		
9	\$90,793	\$51,489	-1,205.78	237,392.92	RETURNS	
10	\$99,873	\$56,638	-1,254.01	294,031.05	Internal rate of return: 31.76%	
11	\$109,860	\$62,302	-1,304.17	356,332.99	Approx payback: (Years) 3	
12	\$120,846	\$68,532	-1,356.34	424,865.12		
13	\$132,930	\$75,385	-1,410.59	500,250.46		
14	\$146,223	\$82,924	-1,467.01	583,174.34	Payback w/ Rebate 1.5 Years	
15	\$160,846	\$91,216	-1,525.69	674,390.61		
TOTALS	(\$1,345,747)	(\$763,178)		\$674,390.61	PAGE 2 of 4	

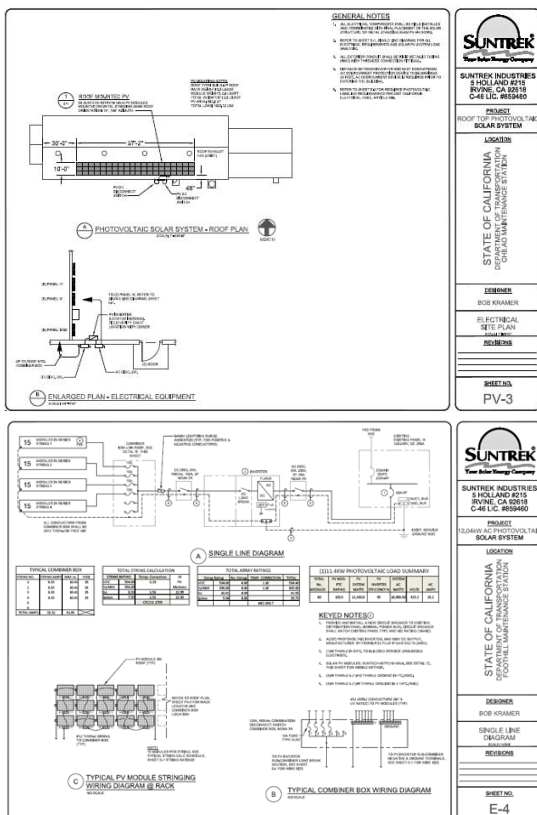


CASE STUDIES – Photovoltaics

State of California – Dept of Transportation

Chilao, CA

Suntrek was hired to design and install a 60 Module Solar array for the Chilao Maintenance Station. This is one of many Caltrans projects that Suntrek has participated in.



COMMERCIAL & MULTIFAMILY PROJECTS



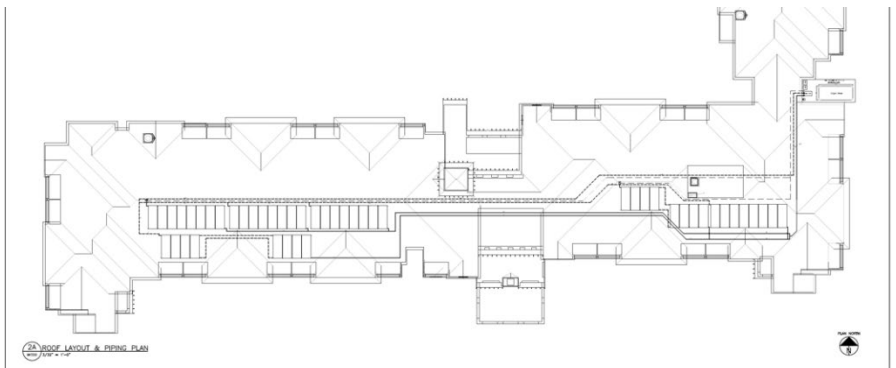
CASE STUDIES – The Solar Power of Three™

Robertson Ranch Senior Apartments

Carlsbad, CA



Suntrek installed a large-scale solar pool heating and domestic water heating system as the main source of energy of the apartment boiler system. This 38 Collectors system will provide solar heated water to all the residences and will save investors hundreds of thousands of dollars through energy savings, rebates, and tax incentives

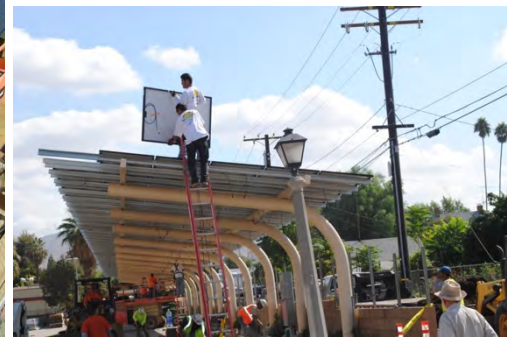


CASE STUDIES – The Solar Power of Three™

McDonald's Restaurant

Riverside, CA

Suntrek designed and installed a photovoltaic carport structure and solar hot water heater on the first LEED certified McDonald's west of the Mississippi and the first McDonald's restaurant to use large scale PV.

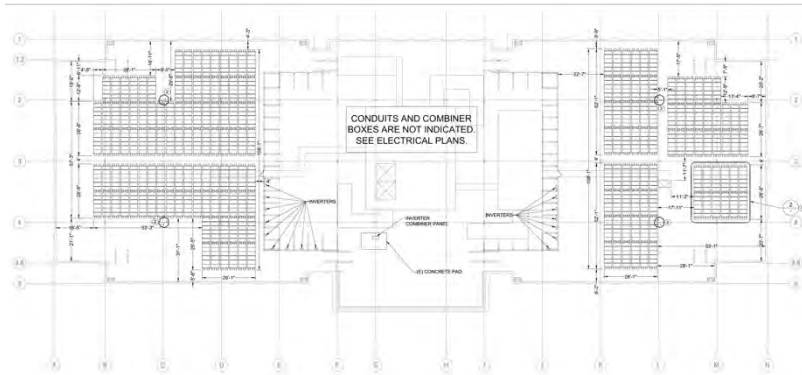


CASE STUDIES – Photovoltaics

Innovation Village – Research Center

Pomona, CA

Suntrek teamed up with Millie & Severson and Technospot to provide 89KW of solar power for a new building that will house 450 workers of Southern California Edison.





CASE STUDIES – Swimming Pool Solar

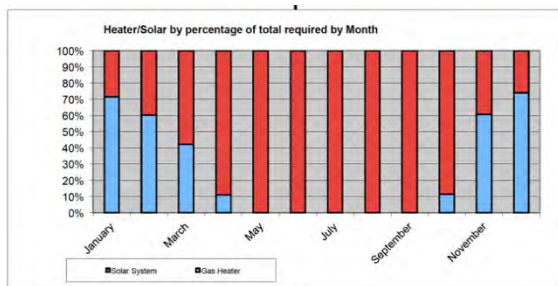
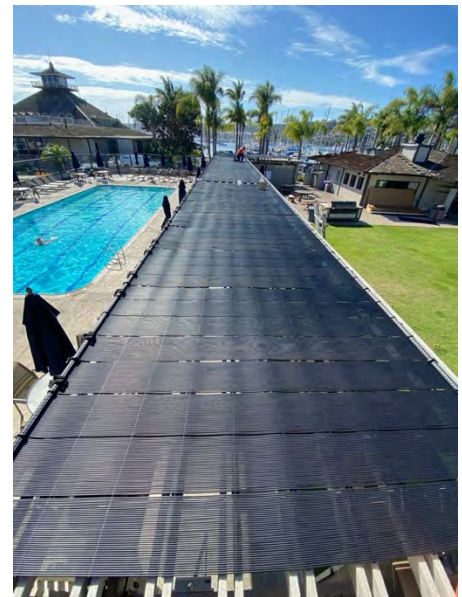
San Diego Yacht Club

San Diego, CA

Suntrek designed and installed a solar thermal pool heating system for the San Diego Yacht Club. The objective of this project was to provide as much monthly energy savings as possible without compromising the aesthetics of the yacht club. A patio cover installation was the perfect solution.



APPENDIX (A) PROJECT: SDYC Swimming Pool						
Section 1	San Diego, CA					
	POOL EST Load [10 ⁶ Btu]	Heater Load No solar	heater load with Solar	SOLAR Production [10 ⁶ Btu]	SOLAR Fraction [%]	ESTIMATED GAS BILL
January	167	220	119	48	28.57%	\$871.11
February	151	199	91	60	39.77%	\$666.02
March	136	178	57	78	57.74%	\$418.43
April	105	138	12	94	89.06%	\$84.03
May	81	107	0	99	100.00%	\$0.00
June	56	74	0	105	100.00%	\$0.00
July	22	29	0	103	100.00%	\$0.00
August	12	16	0	97	100.00%	\$0.00
September	39	51	0	83	100.00%	\$0.00
October	76	100	9	68	88.67%	\$63.14
November	129	170	78	51	39.29%	\$572.02
December	168	221	124	44	25.96%	\$906.59
Conservative, Yearly Estimated Production: 929.48				After solar est. bill		\$3,581.33

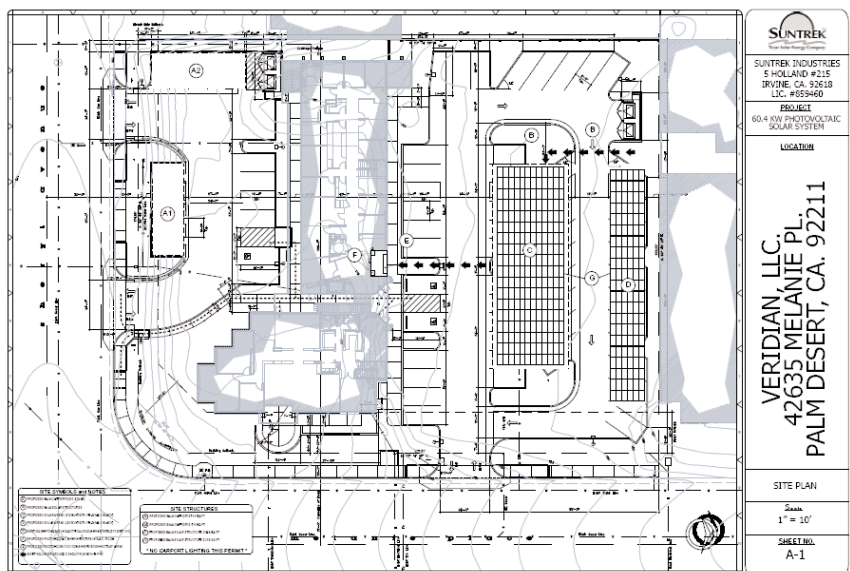


CASE STUDIES – Photovoltaics

Veridian Office Park

Palm Desert, CA

This Palm Desert Project is the first and largest commercial PV system approved under Palm Desert's Energy Independence Program AB811 guidelines. This is a 60 KW system mounted on "Solar Structures" (Carports). Project was completed in September of 2009



SUNTREK
SUNTREK INDUSTRIES
5 HOLLAND #215
IRVINE, CA 92618
LIC. #559460

PROJECT
60.4 KW PHOTOVOLTAIC
SOLAR SYSTEM

LOCATION
VERIDIAN, LLC.
42635 MELANIE PL.
PALM DESERT, CA. 92211

SITE PLAN
Scale
1" = 10'

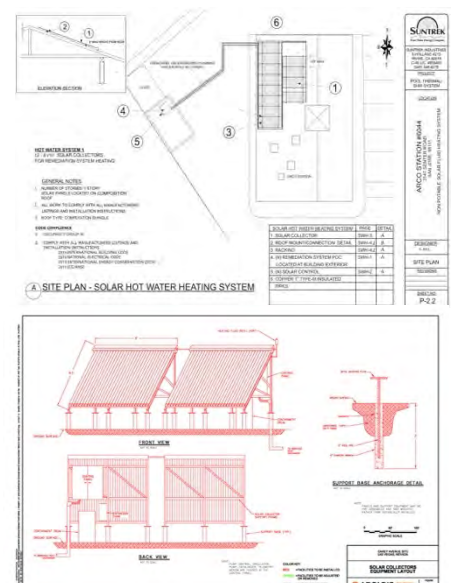
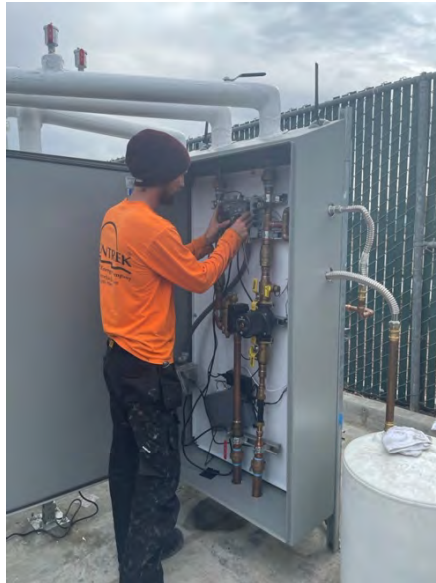
SHEET NO.
A-1

CASE STUDIES – Domestic Hot Water

Gas Station – Pollution Remediation

Las Vegas, NV + San Jose, CA

Suntrek has partnered with Arcadis to use cutting edge solar technology to clean our environment. Gas stations across the country must remediate underground petroleum storage tank leaks. With heat exchangers below the Earth's surface and a solar hot water system, Arcadis can add an ingredient recipe that, when heated, is activated and absorbs and neutralizes the underground pollution

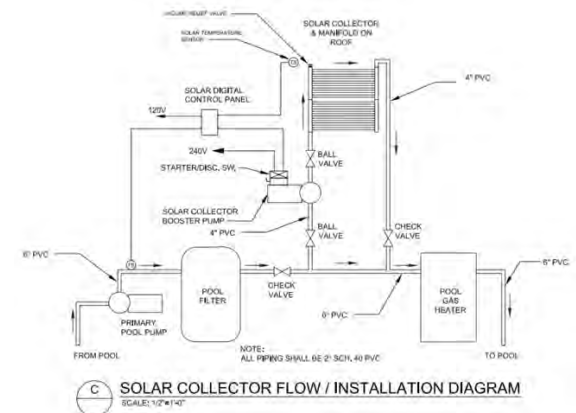
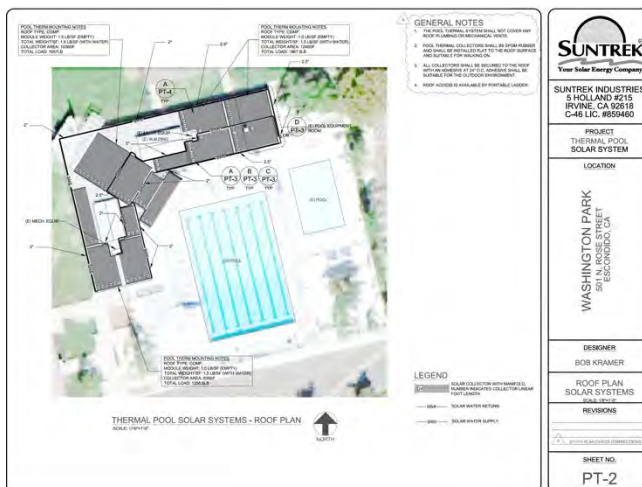
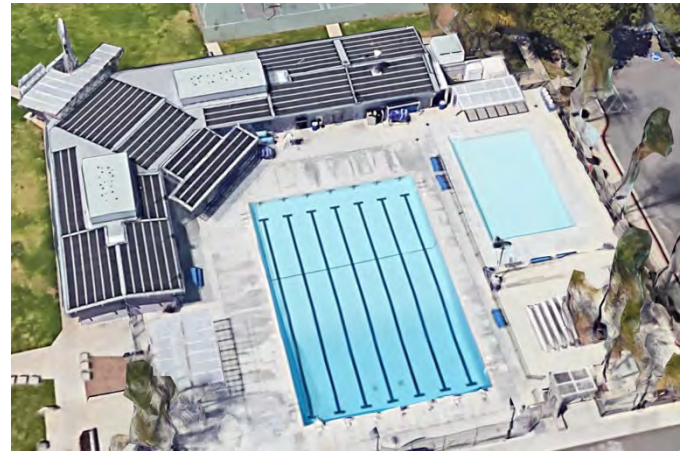
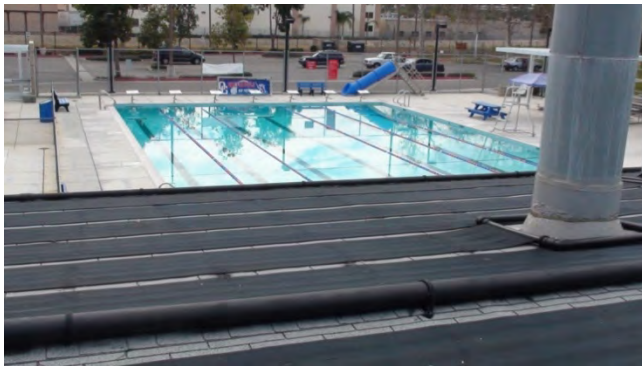


CASE STUDIES – Swimming Pool Solar

Washington Park

Escondido, CA

Suntrek designed and installed a solar thermal pool heating system for the Washington Park Community Pool. This project displays an installation of over 3600 sq ft of solar pool heating collectors which will provide this community swimming pool with tens of thousands in gas savings.



CASE STUDIES – Photovoltaics

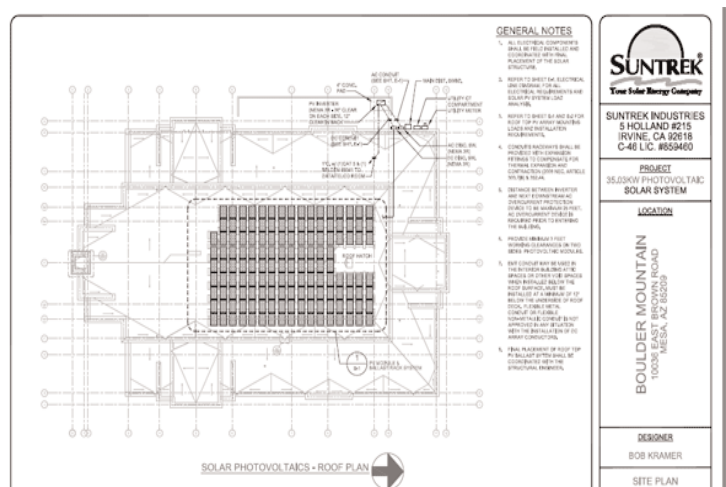
Church of Jesus Christ of Latter-Day Saints

Farmington, Utah

This is the first of several proposed projects for the Church of Jesus Christ of Latter Day Saints. The 36KW system is expected to provide over 56,000 kwh's per year. Suntrek is now working on two more meeting house projects and three commercial projects for the Church

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS





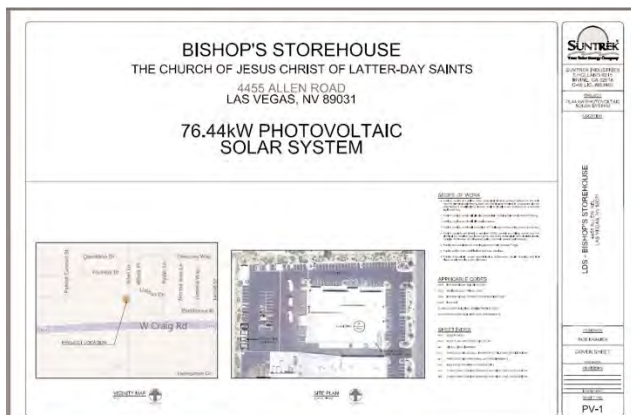
CASE STUDIES – Photovoltaics

Church of Jesus Christ of Latter-Day Saints Bishop's Storehouse

Las Vegas, NV

Suntrek designed and installed a 86 KW Photovoltaic system of the Church in Las Vegas, Nevada. The system was designed to maximize production on a flat rooftop that had shading issues from parapets and other structures. The ballasted racking system eliminated the need for roof penetrations

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS



CASE STUDIES – Photovoltaics

San Diego Unified School District (SDUSD)

This 1.2 megawatt project involved thirteen schools in San Diego County. The PPA was financed through Morgan Stanley and Main Street Power.



CUSTOM HOME PROJECTS

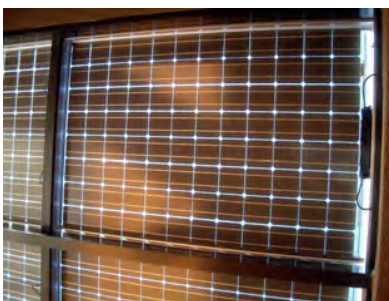


CASE STUDIES – Photovoltaics

New American Home

Las Vegas, NV

Suntrek teamed with Blue Heron Builders to perform all of the solar installations on the New American Home, an award-winning green home in Las Vegas, NV



CASE STUDIES – The Solar Power of Three™

Custom Home – St. Helena

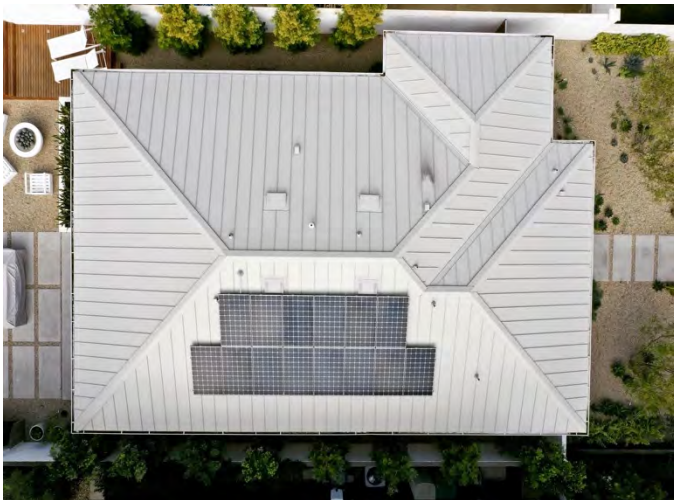
Suntrek designed and installed a solar electric system and energy storage system. Both systems were integrated into the design of the home to maximize aesthetics and performance of the solar energy system while not taking away from the design of the beautiful new home.



CASE STUDIES – Photovoltaics

Custom Home – Huntington Beach, CA

Suntrek designed and installed a solar electric system that was designed to maximize aesthetics and meet title 24 requirements. S-5 Clamps were used on the standing seam roof to prevent any roof penetrations.



CASE STUDIES – Photovoltaics

Custom Home – San Clemente, CA

Suntrek designed and installed a solar electric system that was designed to maximize aesthetics and meet title 24 requirements. Suntrek collaborated with Studio 6 Architects and Vaughn Builders to complete the project. Solaria Panels provide a sleek design that compliments the home design.



CASE STUDIES – The Solar Power of Three™

Custom Home – Huntington Beach, CA

Suntrek designed and installed a solar electric system and solar pool heating system that was designed to make this home achieve “net zero” energy.



