Proposed Project Location

KOP 8: View from Highway 94 looking east - Simulated Condition

Starlight Solar Project

Sun and Weather

Sunny

Date: **5-4-22**

Photo Time: **1:47 PM**

Visibility:

Good ▮ Poor

Air Quality: Good
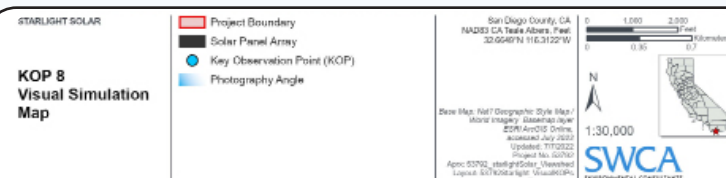
Sun Azimuth: **222.99°**

Sun Angle: **68.40°**

Lighting Angle on Project: **Side Lit**
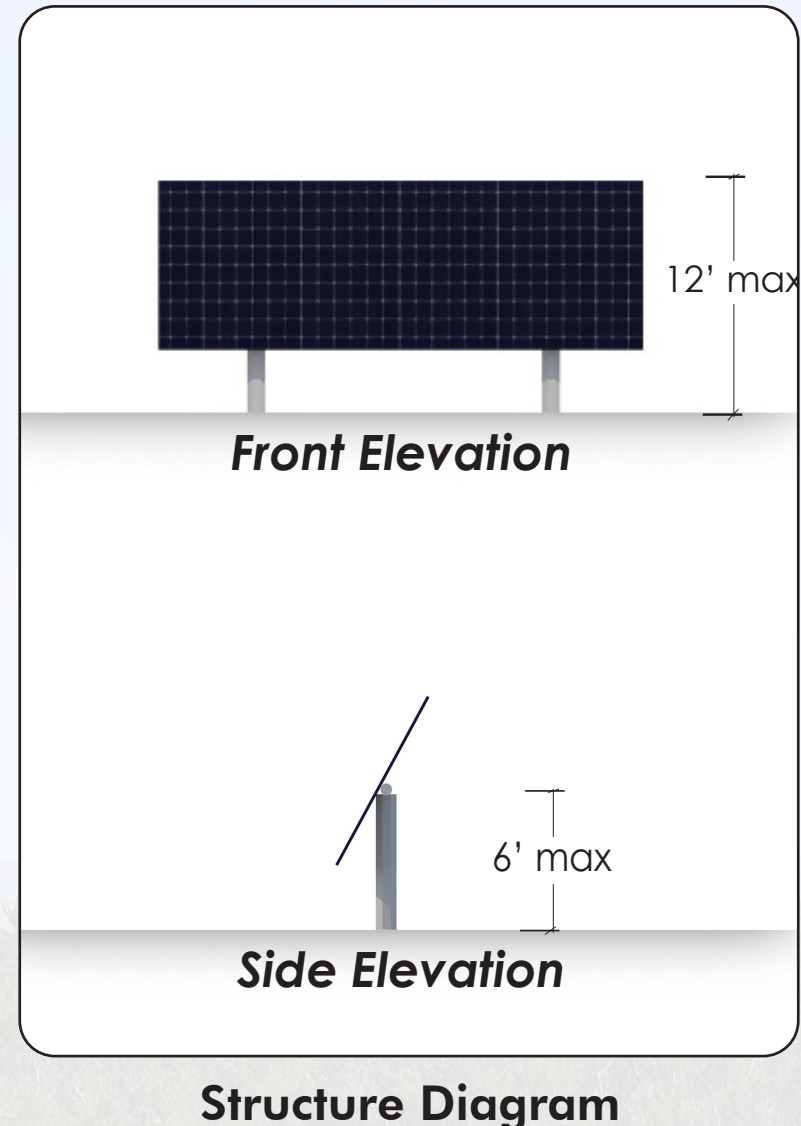
Wind: **11 mph**

Cloud Cover: **0%**

Temperature (°F): **73°F**

Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Project Location

STARLIGHT SOLAR

KOP 8
Visual Simulation Map

- Project Boundary
- Solar Panel Array
- ● Key Observation Point (KOP)
- ◣ Photography Angle

San Diego County, CA
NAD83 CA Teale Albers, Feet
32.6048°N 116.3122°W

1:30,000

Approximate Distance to Solar Field Corridor:

1.77 miles

Structure Diagram

Front Elevation — 12' max

Side Elevation — 6' max

Base Photographic Documentation

Latitude (°): **32.6659**

Longitude (°): **-116.3153**

Viewpoint Elevation (feet): **3881**

Camera Height (meters): **1.5**

Camera Heading (degrees): **108.22**

Camera Make & Model: **Nikon D5600**

Camera Sensor Size (mm): **23.6 x 15.6**

Crop Factor: **1.53**

Lens Make & Model: **AF-P Nikkor**

Lens Focal Length (mm): **32**

Image Size (pixels): **6000 x 4000**

Single frame simulation approximates 50mm full frame equivalent.

Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.

Extent of Single Frame Simulation

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KOP 8: View from Highway 94 looking southeast - Existing Condition

Proposed Project Location

KOP 8: View from Highway 94 looking southeast - Simulated Condition

Sun and Weather

Date: **March 2023**

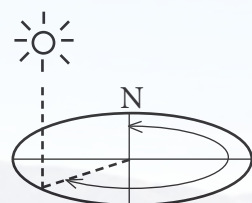Photo Time: **Morning**

Partly Cloudy

Visibility:
Good ─────────── Poor

Air Quality: Good

Sun Azimuth (Sim): **121.25°**
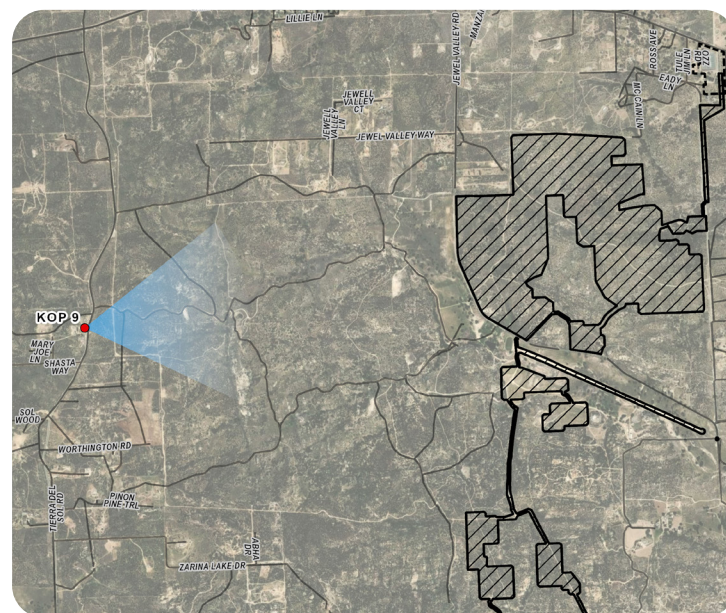
N

Sun Angle (Sim): **35.68°**

Lighting Angle on Project: **Front Lit**

The exact date of the photographs used in this sim is unknown. Because of this, information regarding weather and temperature have been omitted.

Starlight Solar Project

STARLIGHT SOLAR **KOP 9**

- ● Key Observation Point (KOP)
- ▨ Photography Angle
- ▱ Project Area

0   0.3   0.6 Miles
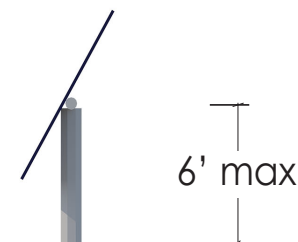
N

Approximate Distance to Solar Field Corridor: **1.6 miles**

Project Location
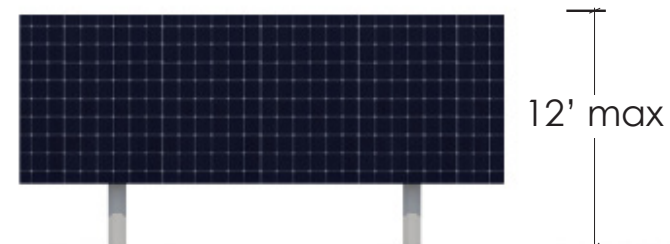
Extent of Single Frame Simulation

Structure Diagram

Front Elevation — 12' max

Side Elevation — 6' max

KOP 9 - Tierra Del Sol Road

Base Photographic Documentation

Latitude (°): **32.64724***

Longitude (°): **-116.31724***

Viewpoint Elevation (feet): **4021**

Camera Height (meters): **2***

Camera Heading (degrees): **80**

Camera Make & Model: **Google Street View Camera**

Lens Focal Length (mm): **19.65***

Image Size (pixels): **2095 x 1304**

*approximately

This simulation was created using images taken by Google Street View. Due to the proprietary nature of the Street View camera, some camera information is not available

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KOP 9: View from Tierra Del Sol Road looking east - Existing Condition

Proposed Project Location

KOP 9: View from Tierra Del Sol Road looking east - Simulated Condition

Sun and Weather

Partly Cloudy

Date: **3-2023**

Photo Time: **~10 AM***

Visibility:

Good ◄───────► Poor

Air Quality: Good

Sun Azimuth (Sim): **121.28°**

N

Sun Angle: **35.68°**

Lighting Angle on Project: **Front Lit**

Wind: **7.5 mph***

Cloud Cover: **0%**

Temperature (°F): **80***

*The exact date of the photographs used in this sim is unknown. Because of this, information regarding weather and temperature are estimated based on monthly averages.

Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.

Starlight Solar Project

STARLIGHT SOLAR

KOP 8 Visual Simulation Map

☐ Project Boundary
■ Solar Panel Array
● Key Observation Point (KOP)
◢ Photography Angle

San Diego County, CA
NAD83 CA Teale Albers, Feet
32.6049 N 116.3122 W

Base Map: Nat'l Geographic Style Map / World Imagery Basemap layer
ESRI ArcGIS Online
Accessed July 2022
Updated: 7/7/2022

1:30,000

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Project Location

Approximate Distance to Solar Field Corridor:

1.6 miles

Structure Diagram

Front Elevation

12' max

Side Elevation

6' max

Extent of Single Frame Simulation

KOP 9 - Tierra Del Sol Road

Base Photographic Documentation
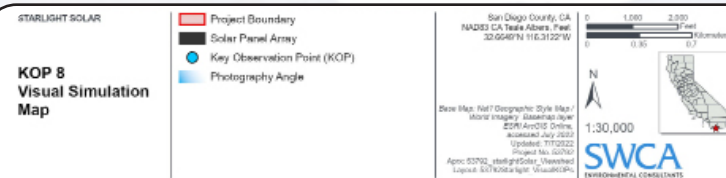
Latitude (°): **32.64724**

Longitude (°): **-116.31724**

Viewpoint Elevation (feet): **4021**

Camera Height (meters): **2.5**

Camera Heading (degrees): **80**

Camera Make & Model: **Google Street View Camera**

Camera Sensor Size (mm): **Unknown***

Crop Factor: **Unknown***

Lens Make & Model: **Unknown***

Lens Focal Length (mm): **Unknown***

Image Size (pixels): **2095 x 1304**

This simulation was created using images taken by Google Street View. Due to the proprietary nature of the Street View camera, some camera information is not available.

Single frame simulation approximates 50mm full frame equivalent.

Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.

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