Rancho Viejo Solar Facility

Sun and Weather

Sunny

Date: **6-07-22**

Photo Time: **1:50 pm**

Visibility:

Good — Poor

Air Quality: Good

Sun Azimuth: **220.87°**

Sun Angle: **74.31°**

Lighting Angle on Project: **Side Lit**

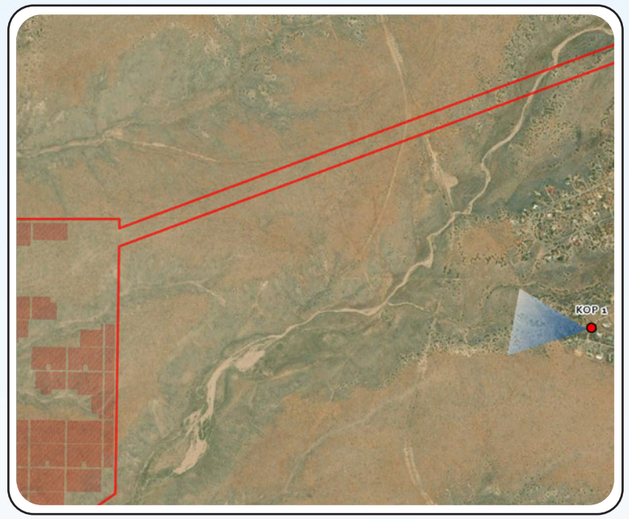
Wind: **22 mph**

Cloud Cover: **75 %**

Temperature (°F): **88°F**

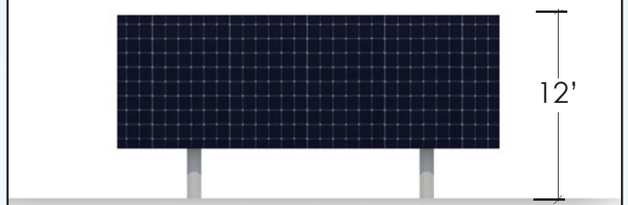
Solar panels at 60 degrees facing westward.

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

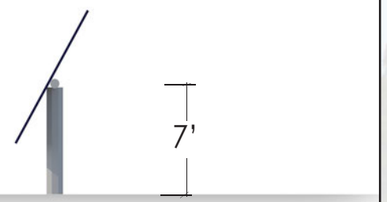


Approximate Distance to Solar Facility Corridor: **1.6 miles**

Project Location



Front Elevation



Side Elevation

Structure Diagram

KOP 1-Camerada Road

Base Photographic Documentation

Latitude (°): **35.5495**

Longitude (°): **-105.972**

Viewpoint Elevation (feet): **6563**

Camera Height (meters): **1.5**

Camera Heading (degrees): **270**

Camera Make & Model: **Nikon D3300**

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%.

SWCA® ENVIRONMENTAL CONSULTANTS

KOP 1: View from Camerada Road looking west - Existing Condition

KOP 1: View from Camerada Road looking west - Simulated Condition

Rancho Viejo Solar Facility

Sun and Weather

Sunny

Date: **6-07-22**

Photo Time: **1:39 pm**

Visibility:

Good — Poor

Air Quality: Good

Sun Azimuth: **214.18°**

Sun Angle: **75.43°**

Lighting Angle on Project: **Side Lit**

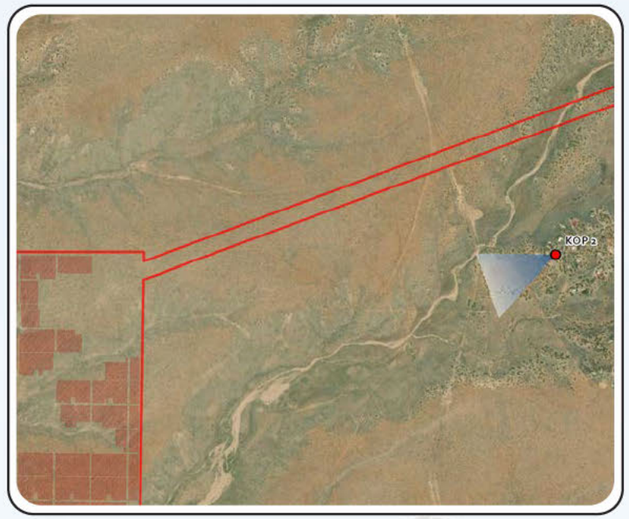
Wind: **22 mph**

Cloud Cover: **76 %**

Temperature (°F): **88°F**

Solar panels at 60 degrees facing westward.

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



KOP 2
Photography Angle
Proposed Project Area
Proposed Solar Arrays

Santa Fe County, NM
NAD 1983 UTM Zone 13N
35.5526°N 105.9903°W

1:20,000

SWCA ENVIRONMENTAL CONSULTANTS

Approximate Distance to Solar Facility Corridor: **1.4 miles**

Project Location

Front Elevation

Side Elevation

Structure Diagram

KOP 2-Encantado Loop

Base Photographic Documentation

Latitude (°): **35.5546**

Longitude (°): **-105.976**

Viewpoint Elevation (feet): **6568**

Camera Height (meters): **1.5**

Camera Heading (degrees): **265**

Camera Make & Model: **Nikon D3300**

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%.

SWCA® ENVIRONMENTAL CONSULTANTS

KOP 2: View from Encantado Loop looking west - Existing Condition

KOP 2: View from Encantado Loop looking west - Simulated Condition

Rancho Viejo Solar Facility

Sun and Weather

Cloudy

Date: **8-4-22**

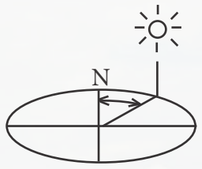
Photo Time: **10:59 am**

Visibility:

Good — Poor

Air Quality: Good

Sun Azimuth:



113.03°

Sun Angle: **55.86°**

Lighting Angle on Project: **Side Lit**

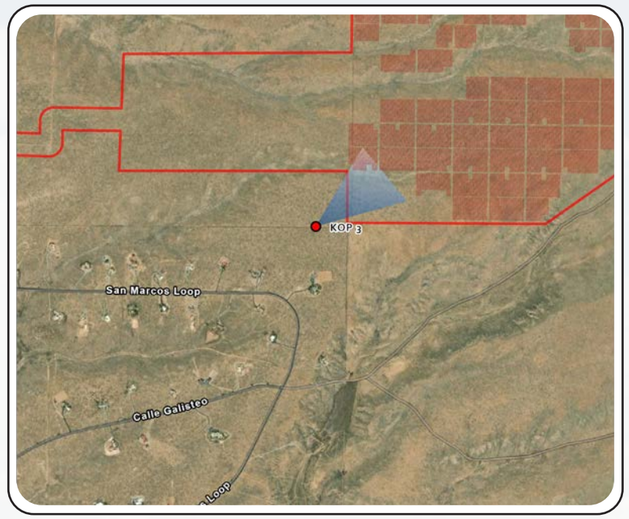
Wind: **7 mph**

Cloud Cover: **65 %**

Temperature (°F): **87°F**

Solar panels at 60 degrees facing eastward.

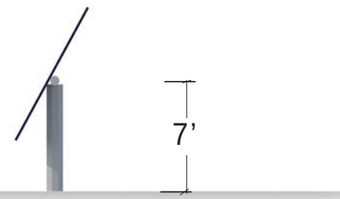
Simulation was prepared using information provided by client. Locations, colors, and heights may vary based on final engineering and design.



Approximate Distance to Solar Facility Corridor: **0.2 miles**

Project Location

Front Elevation



Side Elevation

Structure Diagram

KOP 3 - Southern Boundary East

Base Photographic Documentation

Latitude (°): **35.5373**

Longitude (°): **-106.0204**

Viewpoint Elevation (feet): **6363**

Camera Height (meters): **1.5**

Camera Heading (degrees): **40**

Camera Make & Model: **Nikon D3300**

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%.

SWCA® ENVIRONMENTAL CONSULTANTS

KOP 3: View near San Marcos Loop Residence looking northeast - Existing Condition

KOP 3: View near San Marcos Loop Residence looking northeast - Simulated Condition

Rancho Viejo Solar Facility

Sun and Weather

Cloudy

Date: **8-4-22**

Photo Time: **10:48 am**

Visibility:

Good — Poor

Air Quality: Good

Sun Azimuth: **110.03°**

Sun Angle: **53.58°**

Lighting Angle on Project: **Side Lit**

Wind: **7 mph**

Cloud Cover: **90 %**

Temperature (°F): **87°F**

Solar panels at 60 degrees facing eastward.

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

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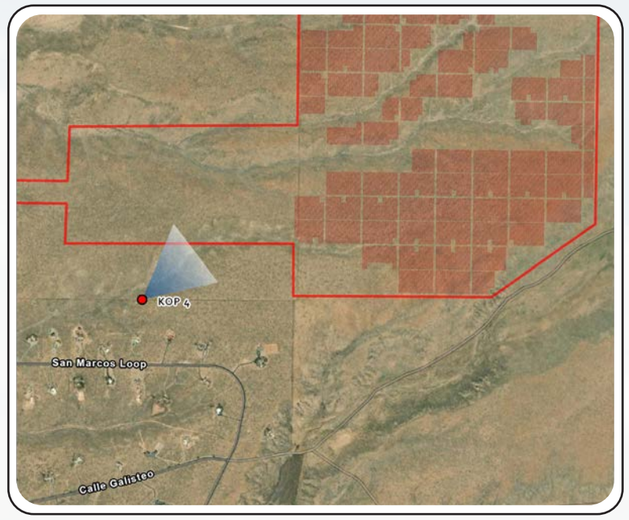
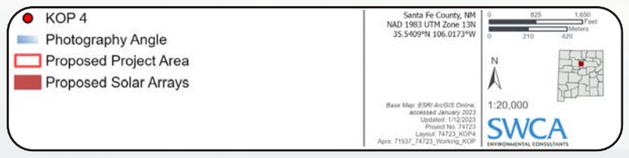
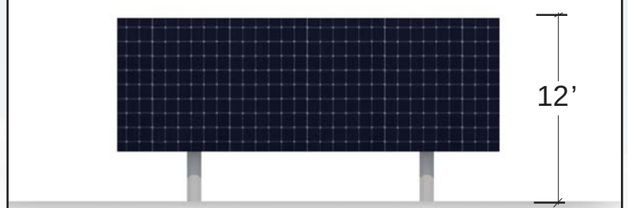


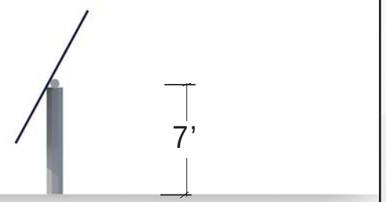


Approximate Distance to Solar Facility Corridor: **0.6 miles**

Project Location



Front Elevation



Side Elevation

Structure Diagram

KOP 4 - Southern Boundary West

Base Photographic Documentation

Latitude (°): **35.5373**

Longitude (°): **-106.0275**

Viewpoint Elevation (feet): **6363**

Camera Height (meters): **1.5**

Camera Heading (degrees): **0.45**

Camera Make & Model: **Nikon D3300**

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%.

SWCA® ENVIRONMENTAL CONSULTANTS

KOP 4: View near San Marcos Loop Residence looking northeast - Existing Condition

KOP 4: View near San Marcos Loop Residence looking northeast - Simulated Condition

Rancho Viejo Solar Facility

Sun and Weather

Sunny

Date: **6-07-22**

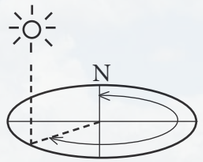
Photo Time: **12:52 pm**

Visibility:

Good — Poor

Air Quality: Good

Sun Azimuth:



166.51°

Sun Angle: **77.31°**

Lighting Angle on Project: **Back Lit**

Wind: **24 mph**

Cloud Cover: **75 %**

Temperature (°F): **89°F**

Solar panels at 0 degrees facing flat.

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

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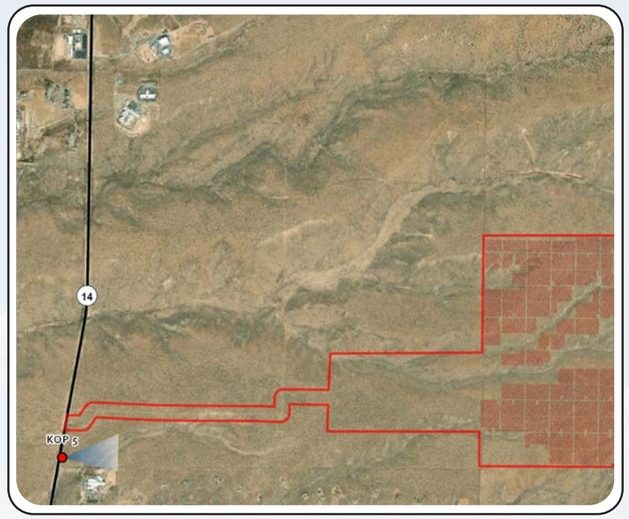
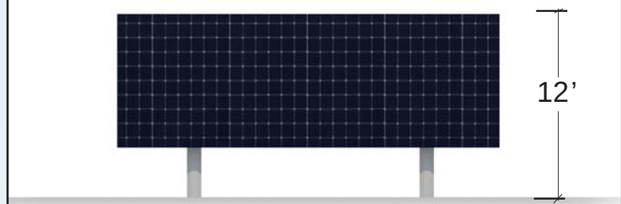
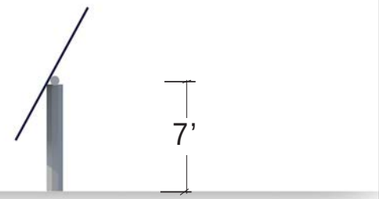


Approximate Distance to Solar Facility Corridor: **2.1 miles**

Project Location



Front Elevation



Side Elevation

Structure Diagram

KOP 5 - Turquoise Trail Charter School

Base Photographic Documentation

Latitude (°): **35.5378**

Longitude (°): **-106.056**

Viewpoint Elevation (feet): **6302**

Camera Height (meters): **1.5**

Camera Heading (degrees): **80**

Camera Make & Model: **Nikon D3300**

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%.

SWCA® ENVIRONMENTAL CONSULTANTS

KOP 5: View from NM-14 looking northeast- Existing Condition

KOP 5: View from NM-14 looking northeast- Simulated Condition

Rancho Viejo Solar Facility

Sun and Weather

Sunny

Date: **6-07-22**

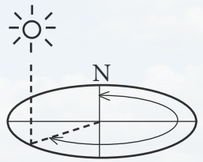
Photo Time: **1:00 pm**

Visibility:

Good — Poor

Air Quality: Good

Sun Azimuth: **173.84°**



Sun Angle: **77.55°**

Lighting Angle on Project: **Side Lit**

Wind: **30 mph**

Cloud Cover: **75 %**

Temperature (°F): **89°F**

Solar panels at 60 degrees facing westward.

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

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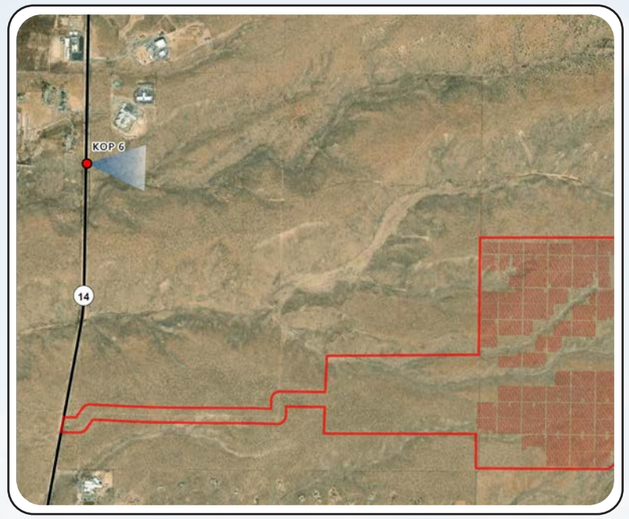
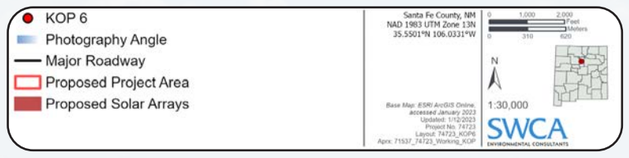
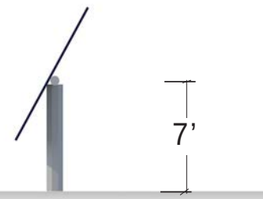




Approximate Distance to Solar Facility Corridor: **2 miles**

Project Location

Front Elevation



Side Elevation

Structure Diagram

KOP 6 - Highway 14

Base Photographic Documentation

Latitude (°): **35.5595**

Longitude (°): **-106.054**

Viewpoint Elevation (feet): **6311**

Camera Height (meters): **1.5**

Camera Heading (degrees): **125**

Camera Make & Model: **Nikon D3300**

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%.

SWCA® ENVIRONMENTAL CONSULTANTS

KOP 6: View from NM-14 looking east- Existing Condition

KOP 6: View from NM-14 looking east- Simulated Condition