

Aurora Shade Report

Customer

Hirohisa Isogawa

Designer

Antonio Miranda

Organization

Better Earth

Address

6 Dover Ct
Rancho Mirage, CA
92270, USA

Coordinates

(33.793731, -116.411616)

Date

8 October 2020

Annual irradiance



Summary

| Array | Panel Count | Azimuth (deg.) | Pitch (deg.) | Annual TOF (%) | Annual Solar Access (%) | Annual TSRF (%) |
|------------------------------------|-------------|----------------|--------------|----------------|-------------------------|-----------------|
| 1 | 25 | 177 | 28 | 100 | 98 | 98 |
| Weighted average by panel count | - | - | - | - | 97.7 | 97.7 |

Monthly solar access (%) across arrays

| Array | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 96 | 97 | 98 | 98 | 99 | 99 | 99 | 99 | 98 | 97 | 96 | 96 |

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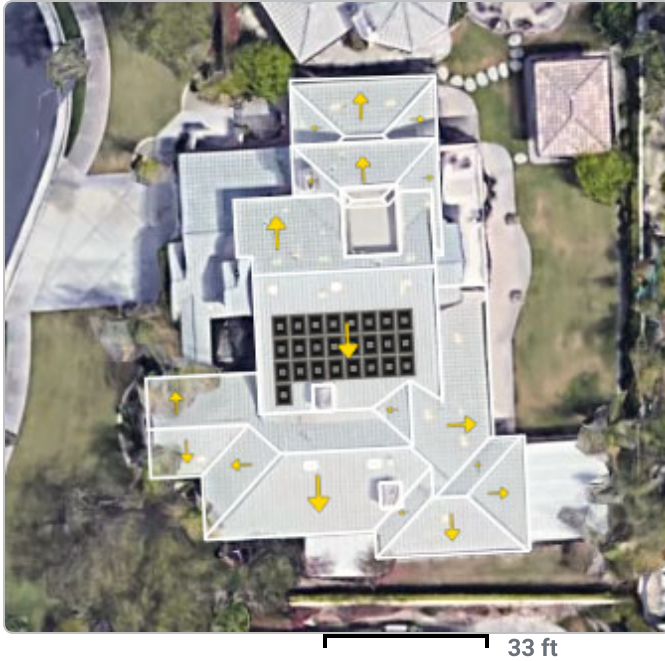
Coordinates

(33.793731, -116.411616)

Date

8 October 2020

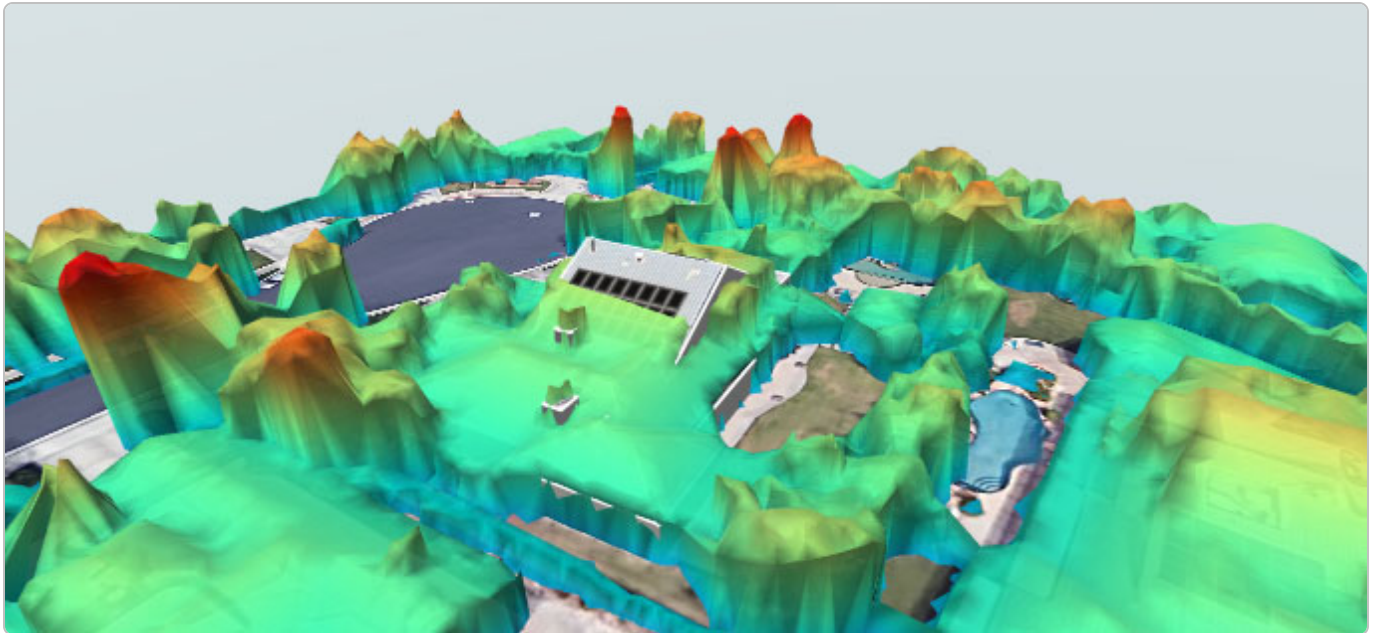
Zoomed out satellite view



3D model



3D model with LIDAR overlay



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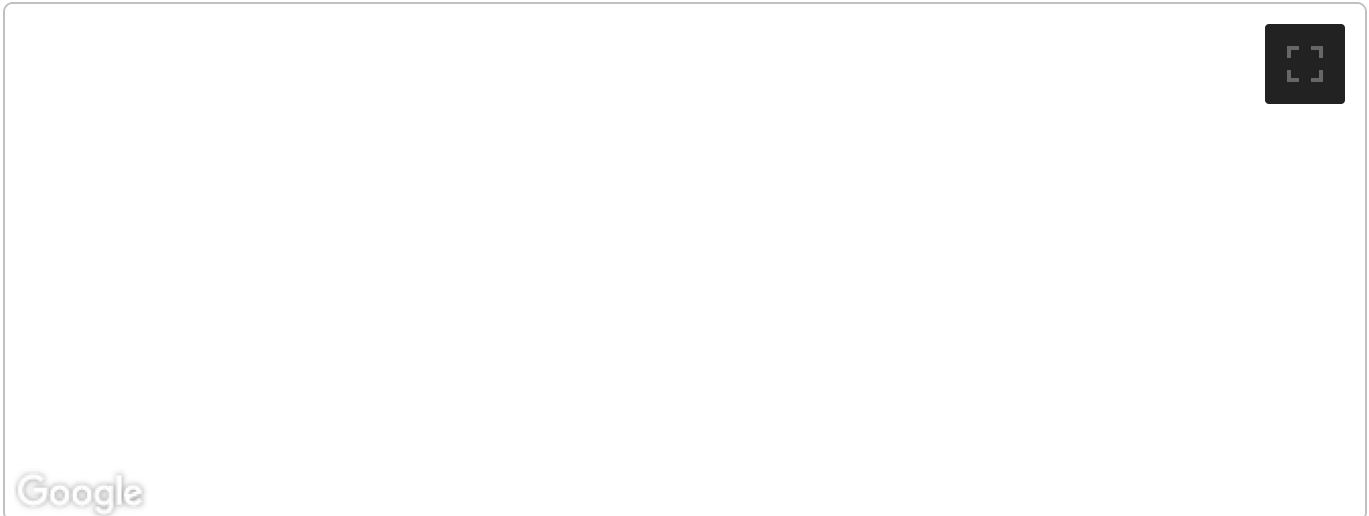
6 Dover Ct
Rancho Mirage, CA
92270, USA

Coordinates

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Date

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Street view and corresponding 3D model

I, **Antonio Miranda**, certify that I have generated this shading report to the best of my abilities, and I believe its contents to be accurate.

System Summary

System Size = 9.13

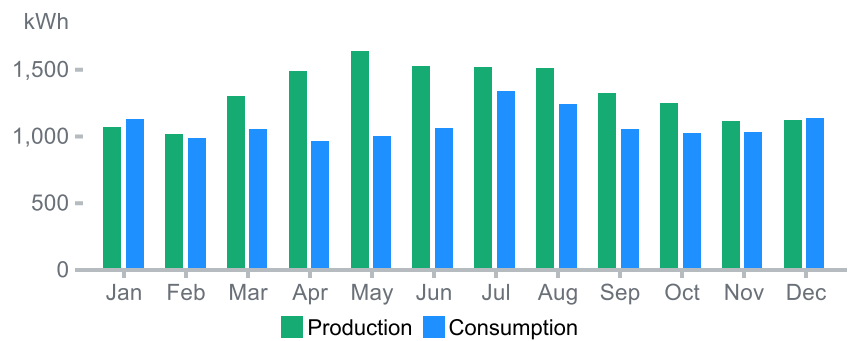
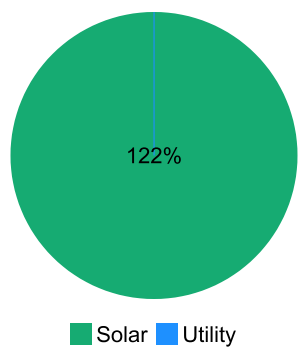
Estimated Annual Usage = 12,999

Estimated Annual Production = 15,858

Energy Offset = 122

Bill Of Materials

| Model | Quantity |
|-----------------|----------|
| PowerXT-365R-PD | 25 |
| P370 | 25 |
| SE7600H-US | 1 |



| (kWh) | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Utility Consumption Pre-Solar | 1,124 | 985 | 1,049 | 962 | 997 | 1,058 | 1,340 | 1,242 | 1,054 | 1,023 | 1,032 | 1,133 | 13k |
| Utility Consumption Post-Solar | 56 | (34) | (249) | (523) | (643) | (464) | (178) | (264) | (270) | (223) | (80) | 13 | (2,859) |
| Solar Production | 1,068 | 1,019 | 1,298 | 1,485 | 1,640 | 1,522 | 1,518 | 1,506 | 1,324 | 1,246 | 1,112 | 1,120 | 15.9k |