

# Aurora Shade Report

## Customer

Alfred Matoshi

## Designer

Gunjan Singh

## Organization

Venture Solar LLC

## Address

306 5th St  
Mamaroneck, NY 10543,  
USA

## Coordinates

(40.958407, -73.723364)

## Date

21 April 2023

## Annual irradiance



kWh/m<sup>2</sup>/year

2,450 or more

2,100

1,750

1,400

1,050

700

350

0



## Summary

Array	Panel Count	Azimuth (deg.)	Pitch (deg.)	Annual TOF (%)	Annual Solar Access (%)	Annual TSRF (%)
1	9	321	7	79	91	72
2	4	141	7	87	93	81
3	4	141	7	87	90	78
4	8	140	18	92	85	78
Weighted average by panel count	-	-	-	-	89.1	76.3

## Monthly solar access (%) across arrays

Array	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	88	93	92	92	91	90	90	92	92	92	89	83
2	92	94	93	93	95	93	93	94	92	94	90	84
3	91	92	91	89	89	88	88	89	90	91	92	91
4	75	78	82	88	91	91	91	90	86	80	77	78

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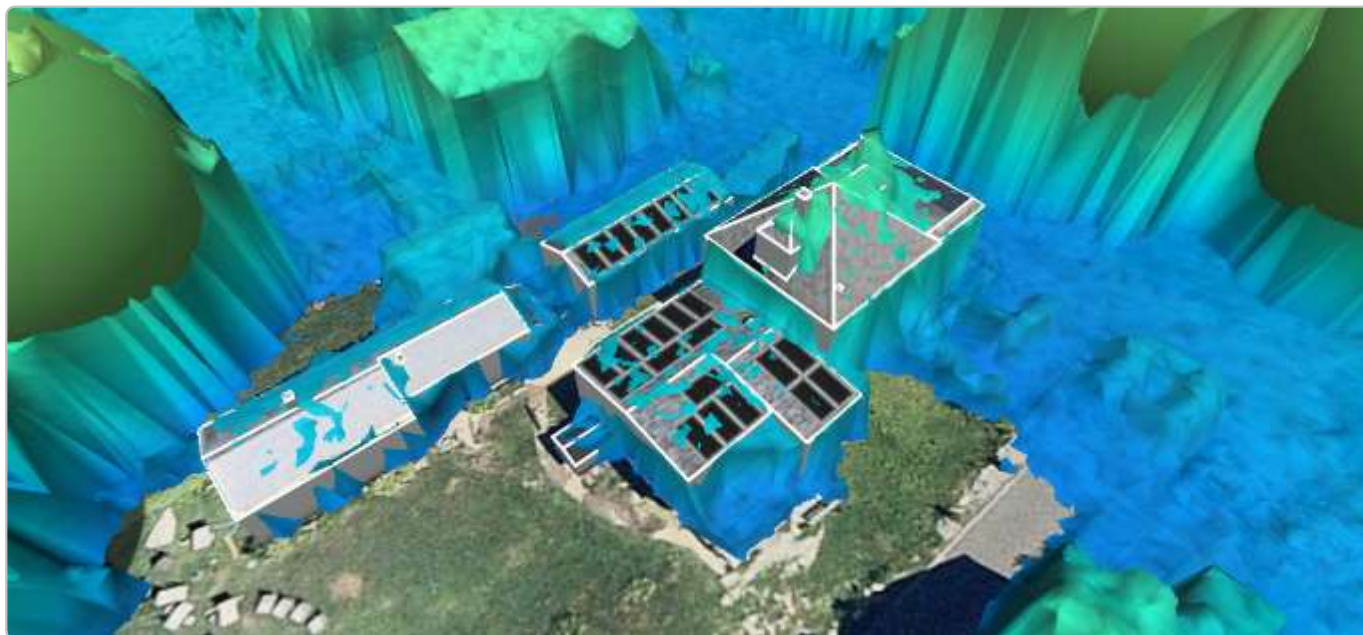
Zoomed out satellite view



3D model



3D model with LIDAR overlay  29 ft





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**Street view and corresponding 3D model**

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