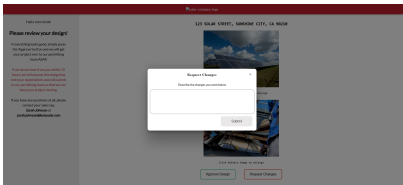


Solar AI Platform — Project Report (Starter)

Project: Solar Installation - 123 Main Street (ID: 2)
Address: 123 Main Street, San Francisco, CA 94102

Assets

[photo]
Screenshot 2025-12-18 232103.png
[View Image](#)



[documents]
Saurabh_Resume.pdf
[Download PDF](#)

Analysis Results

SHADING Analysis

Summary: 2 roof plane(s), 2 obstruction(s)

Overall Shading Level: **Low** (Avg 0.27% loss)

• Main Roof

Shading Level: **Low** (0.54% annual loss)

Expected Production: **Excellent**

Power loss during strongest sunlight hours (10AM-4PM): 0.0%

Recommendations:

- Excellent solar exposure - minimal shading impact
- Most affected time: 18:00 - avg 1.1% shaded

• Garage Roof - West Facing

Shading Level: **Low** (0.0% annual loss)

Expected Production: **Excellent**

Power loss during strongest sunlight hours (10AM-4PM): 0.0%

Recommendations:

- Excellent solar exposure - minimal shading impact

CHECK - RECOMMENDATION:

Excellent site conditions! Minimal shading impact - ideal for solar installation.

COMPLIANCE Analysis

Compliance Status: PASS

Score: 100/100

■ Compliance Check PASSED - Score: 100/100. Design meets all requirements and is ready for permittin

Checked 1 of 2 roof plane(s) with layouts