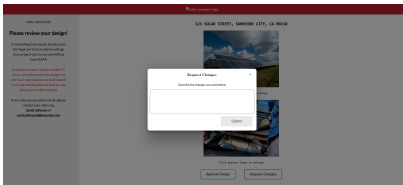# Solar AI Platform — Project Report (Starter)

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

[document] Saurabh_Resume.pdf
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Analysis Results

SHADING Analysis

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

- **Main Roof**

  Annual Energy Loss: 0.54%
  Peak Hours Loss (10AM-4PM): 0.0%
  Production: 17.98 kWh/m²/yr (Potential: 18.08 kWh/m²/yr)

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

- **Garage Roof - West Facing**

  Annual Energy Loss: 0.0%
  Peak Hours Loss (10AM-4PM): 0.0%
  Production: 7.44 kWh/m²/yr (Potential: 7.44 kWh/m²/yr)

  Recommendations:
    - Excellent solar exposure - minimal shading impact