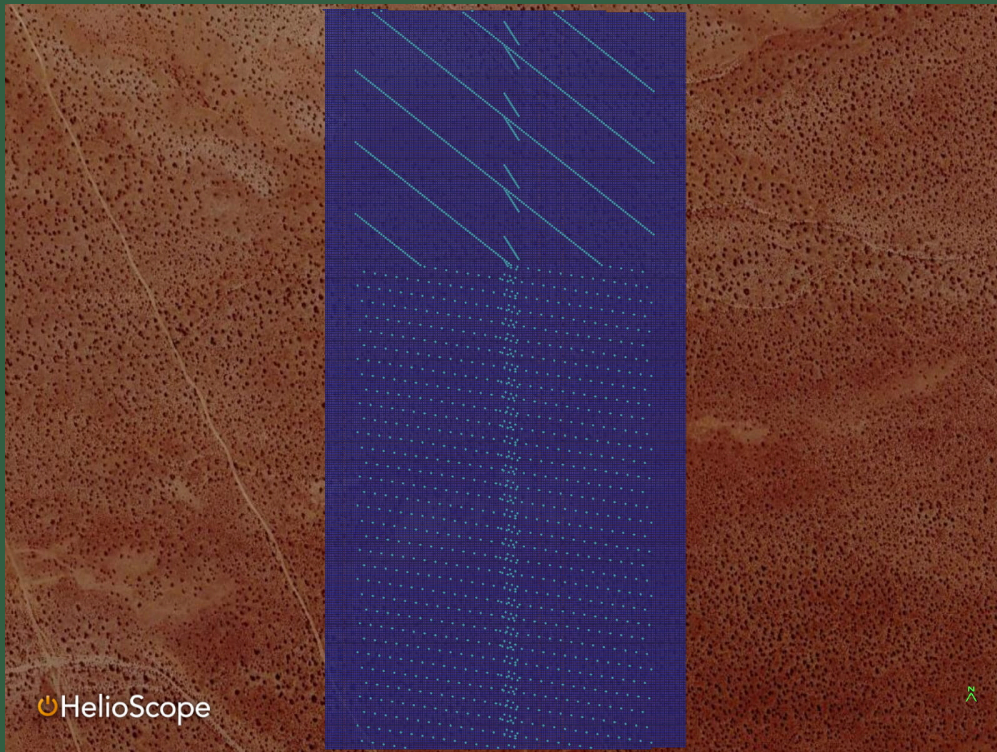




San Bernardino, CA Solar Farm

Solar Farm, BESS Project Project

Clean Energy. Real Impact.
A Greener Path Forward.

Prepared for
Pro Masters Construction Consulting

5879 Imperial Ave
San Diego California 92114

Prepared by
Amanda Millhouse
Operations Manager



Project Overview

Project Details

- **Project Name:** San Bernardino, CA Solar Farm
- **Location:** 35.284801,-117.593371, San Bernardino, CA 92347
- **Solar Capacity:** 80 MW (AC)
- **Battery Storage Capacity:** 320 MW (3200 MWh)
- **Technology:** PV with Battery Energy Storage System -BESS
- **Project Type:** Front-of-the-meter, Utility- Scale Solar Power & Battery Energy Storage System

=====

1. EXECUTIVE SUMMARY

=====

Total Project Value: \$424,358,400

- Capital Expenditure (CapEx): \$412,800,000
- Operating Expenditure (OpEx): \$11,558,400

=====

2. CAPITAL EXPENDITURE DELIVERABLES

=====

1. Battery Cells & Racks

Budget Allocation: \$148,608,000

Notes: Generated from template: Solar Farm with BESS

2. Balance of Plant (Transformers, Switchgear, Cabling)

Budget Allocation: \$29,721,600

Notes: Generated from template: Solar Farm with BESS

3. Contingency

Budget Allocation: \$13,209,600

Notes: Generated from template: Solar Farm with BESS

4. Contingency (Owner/EPC)

Budget Allocation: \$5,779,200

Notes: Generated from template: Solar Farm with BESS

5. DC & AC Electrical (cabling, combiner boxes, transformers)

Budget Allocation: \$8,256,000

Notes: Generated from template: Solar Farm with BESS

6. Energy Management System (EMS / SCADA)

Budget Allocation: \$13,209,600

Notes: Generated from template: Solar Farm with BESS

7. Enclosures / Containers / HVAC

Budget Allocation: \$26,419,200

Notes: Generated from template: Solar Farm with BESS

8. Engineering & Design

Budget Allocation: \$3,302,400

Notes: Generated from template: Solar Farm with BESS

9. EPC Labor & Construction

Budget Allocation: \$14,860,800

Notes: Generated from template: Solar Farm with BESS

Notes: Generated from template: Solar Farm with BESS

=====

3. OPERATIONS & MAINTENANCE PROVISIONS

=====

1. Asset Management & Monitoring

Annual Budget: \$165,120

Notes: Generated from template: Solar Farm with BESS

2. Augmentation Reserve

Annual Budget: \$2,752,220

Notes: Generated from template: Solar Farm with BESS

3. Insurance

Annual Budget: \$2,201,380

Notes: Generated from template: Solar Farm with BESS

4. Insurance

Annual Budget: \$385,225

Notes: Generated from template: Solar Farm with BESS

5. O&M Contract

Annual Budget: \$825,600

Notes: Generated from template: Solar Farm with BESS

6. O&M & Performance Monitoring

Annual Budget: \$3,852,910

Notes: Generated from template: Solar Farm with BESS

7. Software / EMS Licensing

Annual Budget: \$1,100,690

Notes: Generated from template: Solar Farm with BESS

8. Vegetation Management

Annual Budget: \$275,255

Notes: Generated from template: Solar Farm with BESS

=====

4. SUGGESTED PAYMENT STRUCTURE

=====

Milestone-Based Payment Schedule:

- 1. Contract Signing (Down Payment): 1% (\$4,128,000)
- 2. Equipment Delivery Confirmation: 30% (\$123,840,000)
- 3. Mechanical Completion: 40% (\$165,120,000)
- 4. Substantial Completion: 20% (\$82,560,000)
- 5. Final Acceptance (less retainage): 9% (\$37,152,000)

Retainage: 10% held until final project acceptance

=====

END OF STATEMENT OF WORK

=====



Financial Analysis

Project Summary (CapEx Basis)

INVESTMENT

Solar PV Farm
Battery Energy Storage System (BESS).

\$424,358,400

EPC Contribution 1%

\$4,128,000

SUPERNOVA