



Solar Portfolio Management

The Next Innovation in Project Planning

Philip Lonappan, Software Engineering Manager





Industry Challenges

- No single source of truth
- Too many spreadsheets
- Separate software for each project phase
- Lack of transparency
- Duplication



Atlas- Solar Portfolio Management

Designed by Solar Professionals for Solar Professionals

- Capability to manage GWs of solar projects
- Streamlines work processes
- Includes elements of CRM software
- Enhances cross functional collaboration

Project Management



- View Deadlines
- Meet Critical Milestones
- Assign and Track Tasks
- Reports
- Document Management

ATLAS Reports Projects Recent Search Projects, Reports

Home Alameda - Berkeley

Project Info

Alameda - Berkeley
FTC Solar
301 Way, Mount Road, Berkeley, CA 94704, USA
Currently Financeable

Overview

Project

Sales

Site Control

Permitting

Legal

Interconnection

Project Finance

Tax

Reporting Stage

Project Management

Economics

Design

Other Tools

Contacts

Summary of project economics & schedule

Milestones

Milestone	Start Date	End Date	% Complete
Site Control	3/24/2021	5/4/2021	100%
Full Notice to Proceed	7/21/2021	8/10/2021	0%
Construction Start	8/11/2021	8/24/2021	0%
Modules On Site	12/29/2020	1/11/2021	0%
Inverters On Site	8/25/2021	9/1/2021	0%
Modules Installed	1/12/2021	1/25/2021	0%
Inverters Installed	9/2/2021	9/15/2021	0%
Structure/Trackers On Site	1/26/2021	2/8/2021	0%
Utility Inspection Approved	2/9/2021	2/22/2021	0%
Commercial Operation Declared	10/14/2021	10/27/2021	0%
Substantial Completion	2/23/2021	3/8/2021	0%
Final Closing	3/9/2021	4/27/2021	0%

Notes

Obligations

Type	Constraint	Date/Milestone	Role	Person	Amount	Notes
Lease Option payment	Finish No Later Than	11/15/2020	Sales Manager	Philip Lonappan	750.00	1st extended dev period, Q1
Lease Option payment	Finish No Later Than	11/16/2020	Sales Manager	Philip Lonappan	750.00	1st extended dev period, Q2

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Project Info

CA-13-0357

Country : USA
System
Pipeline
Qualified
100% Probability
Demand: 1 - In Plan
Product : Utility Solar
2,730.240 KW DC
2,000.000 KW AC
Hanwha Q-Cells 395W (x6,912)
Chint Power Systems 125 kW (x16)

Term Sponsor Fund
ABC Solar Fund I, LLC

Tax Equity Fund
Renewable Ventures Solar Fund V, LLC

Channel Partner
SunWize Systems
CP provides Mod/Inv/Trk

Project Team
Verena Rauchenwald
Philip Lonappan
Muralidharan Subbian
Padhamuthu Mathilagan
Andrew Morse

Milestones

Milestones Variance

Project Schedule

Documents

Project Team

Obligations

Checklist

Cases

Risks & Opportunities

Economics

Design

Other Tools

Contacts

Functional Group: All Functional Groups

Format: Day Week Month Quarter

Owner	Duration	% Comp.	Start Date	End Date
1 - Site Control	300 Days	27%	03/18/2021	01/12/2022
1 - Qualified Lead	5 Days	100%	03/18/2021	03/23/2021
2 - Site Control	41 Days	100%	03/24/2021	05/04/2021
3 - Interconnection Feasibility	13 Days	25%	05/05/2021	05/18/2021
4 - Offtake Under Negotiation	13 Days	0%	05/19/2021	06/01/2021
5 - SPSA PPA Executed / FIT Aw...	20 Days	0%	06/02/2021	06/22/2021
6 - MSA/Development Contract A...	13 Days	0%	06/23/2021	07/06/2021
15 - Mechanical Completion	27 Days	0%	09/16/2021	10/13/2021
21 - Site Visit Evaluation	13 Days	0%	11/11/2021	11/24/2021
22 - Environmental Studies Comp...	13 Days	100%	04/28/2021	05/11/2021
24 - Title Review Completed	13 Days	0%	05/12/2021	05/25/2021
26 - Geotechnical Investigation	13 Days	0%	05/26/2021	06/08/2021
27 - Topo & Boundary Survey	13 Days	0%	12/02/2021	12/15/2021
28 - Tracker Specified	13 Days	0%	12/16/2021	12/29/2021
29 - Inverter Specified	13 Days	53%	12/30/2021	01/12/2022
30 - Module Specified	13 Days	0%	12/23/2021	01/05/2022
37 - Bid Package Complete, out t...	13 Days	0%	10/22/2021	11/04/2021
38 - Final GC Contract Executed	13 Days	0%	06/23/2021	07/06/2021
7 - Design Freeze	13 Days	45%	07/07/2021	07/20/2021
8 - Full Notice to Proceed	20 Days	0%	07/21/2021	08/10/2021
31 - Building Permit Approved	2 Days	0%	10/19/2021	10/21/2021
32 - Building Permit Received	13 Days	0%	06/09/2021	06/22/2021
- 3 - PPA	13 Days	13%	06/09/2021	12/29/2021

Project schedule with Gantt chart

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Cash Forecasting & Budgeting



- Create Budget
- Approve Baseline Budget Revisions for Variance Analysis
- Forecast Cashflow
- Generate Financial Reports

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Project Info

Revision #54: By Philip Lonappan on 10/26/2021 9:31 AM (Eastern Daylight Time)

Size: 2,730,240 W DC COGS: \$7,855,118 \$2,8771

COGS line items Revised module cost per latest guidance 11/5/15 - 330W

COGS Details

Category	Amount	Per W	Fixed Cost
1 - Modules	\$2,094,640	\$0.7672	
1.1.1 - Modules	\$2,094,640	\$0.7672	Revised module cost per latest guidance 11/5/15 - 330W
1101 - Modules	\$1,993,075	\$0.7300	
1102 - LOCOM Adjustment; Module Costs	\$27,302	\$0.0100	
1103 - Under Utilization	\$5,734	\$0.0021	
1104 - Module Release Var. Deferral	\$68,529	\$0.0251	
1105 - F&A Module Adjustment Warranty	-	-	
1106 - F&A Module Adjustment Oneliner	-	-	
1107 - F&A Module Adjustment TP/TC	-	-	
2 - BOS Products	\$892,510	\$0.3269	
2.1.1 - Inverter	\$273,024	\$0.1000	CPS Pricing via Procurement (Robert Murphy).
2101 - Inverter	\$273,024	\$0.1000	
2.2.1 - Structure	\$482,930	\$0.1769	Per Panelclaw quote, includes freight
2201 - Structure	\$446,198	\$0.1634	
2202 - Structure Ballast	\$36,732	\$0.0135	ballast blocks
2.3.1 - Metering & Monitoring	\$63,156	\$0.0231	
2301 - Metering & Monitoring	\$25,262	\$0.0093	Assumes Single POI, labor is included in EPC number
2302 - Metering & Monitoring Commissioning	\$37,894	\$0.0120	labor

Project Management

Economics

Price/ASP

PPA/FIT

COGS

COGS Variance

Cash Flows - Forecast

Cash Flows - Actuals

Forecast - Transactions

Budget v Actuals

Invoices

Payments

Commitments/POs

Journals

Design

Other Tools

Contacts

Contact Support

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Project Info

Revision #400: By Philip Lonappan on 10/26/2021 9:31 AM (Eastern Daylight Time)

COGS line items

Cash outflow amount for the month

Category	Total Forecast	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023
1 - Modules	\$40,303	-	-	\$40,303	-	-	-	-	-	-
1.1 - Modules	\$40,303	-	-	\$40,303	-	-	-	-	-	-
1.1.1 - Modules	\$40,303	-	-	\$40,303	-	-	-	-	-	-
1101 - Modules	-	-	-	-	-	-	-	-	-	-
1102 - LOCOM Adjustment; Module Costs	-	-	-	-	-	-	-	-	-	-
1103 - Under Utilization	\$40,303	-	-	\$40,303	-	-	-	-	-	-
1104 - Module Release Var. Deferral	-	-	-	-	-	-	-	-	-	-
1105 - F&A Module Adjustment Warranty	-	-	-	-	-	-	-	-	-	-
1106 - F&A Module Adjustment Oneliner	-	-	-	-	-	-	-	-	-	-
1107 - F&A Module Adjustment TP/TC	-	-	-	-	-	-	-	-	-	-
2 - BOS Products	-	-	-	-	-	-	-	-	-	-
2.1 - Inverter	-	-	-	-	-	-	-	-	-	-
2.1.1 - Inverter	-	-	-	-	-	-	-	-	-	-
2101 - Inverter	-	-	-	-	-	-	-	-	-	-
2.2 - Structure	-	-	-	-	-	-	-	-	-	-
2.2.1 - Structure	-	-	-	-	-	-	-	-	-	-
2201 - Structure	-	-	-	-	-	-	-	-	-	-
2202 - Structure Ballast	-	-	-	-	-	-	-	-	-	-
2.3 - Metering & Monitoring	-	-	-	-	-	-	-	-	-	-
2.3.1 - Metering & Monitoring	-	-	-	-	-	-	-	-	-	-
2301 - Metering & Monitoring	-	-	-	-	-	-	-	-	-	-
Grand Total	\$39,027	-	-	-	-	-	-	-	-	-

Project Management

Economics

Price/ASP

PPA/FIT

COGS

COGS Variance

Cash Flows - Forecast

Cash Flows - Actuals

Forecast - Transactions

Budget v Actuals

Invoices

Payments

Commitments/POs

Journals

Design

Other Tools

Contacts

Contact Support

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Collaboration

- Document Storage
- Data Sharing
- Track interconnection & PPA
- Notifications, Checklists
- Obligations

The image shows a screenshot of the ATLAS software interface, which is a project management and collaboration tool. The interface is divided into several panels:

- Left Panel (Project Info):** Contains sections for Overview, Project Management (Milestones, Project Schedule, Documents, Project Team, Obligations, Checklist, Cases, Risks & Opportunities), Economics, Design, Other Tools, and Contacts.
- Top Center Panel (Documents):** Shows a list of documents under the 'Alameda - Berkeley' project. A yellow arrow points to the 'Documents' tab in the top navigation bar, and a red box highlights the 'Documents' tab itself.
- Middle Center Panel (Project Info):** Shows project details like General (Rate Type: Fixed, Term: 20 years, Initial Rate: \$/MWh, Escalator: 2.50%), Generation (Year 1 Expected Annual Gen: 28), and Economics (COGS, COGS Variance, Cash Flows - Forecast, Cash Flows - Actuals, Forecast - Transactions, Budget v Actuals, Invoices, Payments, Commitments/POs, Journals). A yellow arrow points to the 'PPA/FIT' tab, and a red box highlights the 'PPA schedule' section.
- Right Panel (Checklists):** Shows a checklist template for 'First Mechanical Completion' and a list of checklist items. A yellow arrow points to the 'Checklists' tab in the top navigation bar, and a red box highlights the 'Checklists' tab.
- Bottom Right Panel (Data & document sharing):** Shows a 'Data Sharing' dialog box where a contact email (xxxx@xxxxxx.com) is selected. The dialog includes options for 'One Time', 'Recurring', and 'Never Expires', and a 'Document Link Expiry (days)' field set to 1. A yellow arrow points to the 'Data Sharing' dialog, and a red box highlights the 'Data & document sharing' text.

Integration & Customization

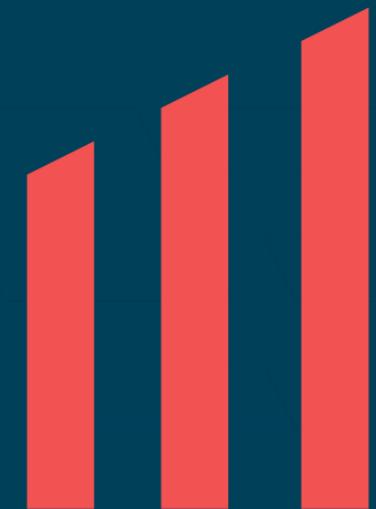
- Integrates with other software for accounting, cloud storage, collaboration
- Customizable
- Custom grids and reports
- Custom Dashboards





Summit Ridge Energy

Jennifer Weinstein - Sr Director Corporate Operations

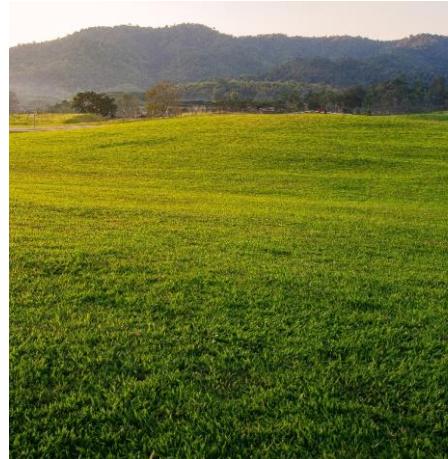


Who We Are

Summit Ridge Energy (SRE) is a leading renewable energy provider, delivering solar energy and battery storage projects to companies and communities across multiple markets

With 65 operating solar projects and over 575 MWac in our development pipeline, SRE has established a track record to deliver on every component of successful solar and battery storage projects

Founded in 2017, SRE is headquartered in Arlington, VA with over 50 employees working across its three offices located in Arlington, VA, Chicago, and New York City





Why Choose Atlas?

- Single source of truth
- No more spreadsheets
- One software for all project phases
- Transparency
- No more duplication



Schedule a Demo Today
and Start a Trial

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A wide-angle aerial photograph of a solar farm at sunset. The solar panels are arranged in long, rectangular rows that stretch across the landscape. In the background, there are rolling hills and mountains under a sky transitioning from blue to warm orange and yellow hues.

Questions

Schedule a Demo Today and Start a Trial
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