

Jacksonville Suns  
Solaris Et Al  
**Type:** Formal  
Presentation  
**Focus:** Project  
Narrative  
**Final Brief:** as of  
April 15<sup>th</sup>, 2024



# Team

- **Project Manager - Shariah "Shay" Allen**
- **Workstream Lead - Shea Prescott**
- **Business Analyst - Jorgia Quinlan**
- **Solutions Architect - Jordan Woods**



# Agenda

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**Vision Statement & Scope**

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**Key Assumptions & Risk Mitigation**

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**Key Deliverables**

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**Project Phases**

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**Accounting**

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**Evaluations**

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**Project Outcome**

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**FAQ**

# Vision Statement

**To provide renewable energy infrastructure to communities which will reduce carbon emissions and provide an affordable and sustainable energy source.**



# Scope



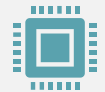
**Installed solar panels charging battery arrays during daylight production.**



**Batteries providing power to the community at night.**



**Solar panel array and voltage monitor installed in every residential building.**



**Five battery arrays with bus switches installed throughout the community.**



**Maintenance plan issued upon project completion.**

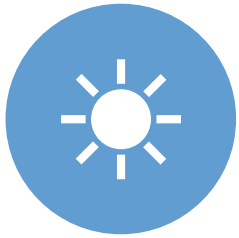
# Key Assumptions

1. **All houses are up to NFPA standards.**
2. **Structures have a reliable maintenance record.**
3. **Grid is connected to local utility.**
4. **Lightning protection systems connected to each house.**
5. **Human, financial, and material resources are readily available.**
6. **Regular stakeholder engagement is required.**
7. **The community has already been constructed.**
8. **The community has liability insurance.**
9. **Do not provide maintenance after successful installation.**

# Risk Mitigation

- **Increased Communication with Stakeholders**
- **Increased Documentation of all changes and agreements throughout the project**
- **Conducted Site Survey's**
- **Hired shadow employees for critical team members**
- **Presented stakeholders with a pros and cons list before combatting challenges**
- **Hired an experienced contracted engineer to ensure the project is completed within the allotted time frame**
- **Redistributed tasks when appropriate**

# Key Deliverables



TO SUPPLY SOLAR  
POWER TO 200 HOUSES  
AT NIGHT.



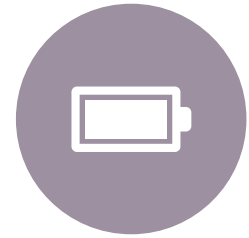
IMPLEMENTING A GRID-  
COMPLIANT SOLAR  
PANEL PERFORMANCE  
MONITORING SYSTEM.



SECURING PERMITS AND  
APPROVALS.



PERFORM A SITE SURVEY  
FOR OPTIMAL  
INFRASTRUCTURE  
PLACEMENT.



INSTALL 5 LARGE  
BATTERIES FOR SOLAR  
PANEL ARRAY  
INTEGRATION ACROSS  
THE COMMUNITY.

# The Beginning Phase

## **Challenge Faced:**

- Miscommunication with stakeholders, resulting in major scope adjustment & power company

## **Mitigation strategy:**

- Increased documentation and stakeholder communication
- Conducting Site Survey's
- Reassigning tasks to prevent time loss.

## **Outcome:**

- Project was completed on time.

**PROJECT STATUS: GREEN**

# The Middle Phase

## **Challenges Faced:**

- The engineer fell ill, resulting in a shortage of technical expertise.

## **Mitigation Strategy:**

- Temporary hiring of a specialized engineer with 30 years of experience.

## **Outcome:**

- Utilization of only 5% of the reserved funds to cover this cost.
- The project was able to progress without detrimental time loss.

**PROJECT STATUS: GREEN**

# The End Phase

## **Challenge Faced:**

- A critical team member's terminal illness coincided with the contract expiration of a temporary hire.

## **Mitigation Strategy:**

- Utilization of reserve funds to hire redundant staff for key roles.
- Deployment of shadow engineer to fill critical vacancy.

## **Outcome:**

- Successful project completion despite challenges.
- Demonstrated resilience and adaptability of the team.
- Project delivered on time and within budget.

**PROJECT STATUS: GREEN**

# Accounting

- Project Budget: \$457,375.48
- Reserved Funds: \$15,000
- Actual Cost of Project: 450,022.28 **[Under by \$7,353.20]**
- Amount used from reserved funds: \$5,750
- Remaining Reserved Funds: \$9,250
- Amount Returned to Customer: \$16,603.20

# Project Outcome

## **Project Outcome Summary:**

- Project successfully delivered despite challenges.
- Overcame issues related to communication, turnover, and delays.
- Positive customer feedback on environmental impact and technical implementation.
- Customer suggestions for improved communication and risk management.

# How The Project Team Felt We Did

## **Project Team's Assessment:**

- Confident in performance and delivery.
- Effective navigation of challenges.
- Proactive risk management.
- Clear communication and stakeholder engagement.
- Satisfaction in meeting objectives.
- Embracing feedback for continuous improvement.
- Proud of collective efforts and positive impact achieved.

# Customer Feedback

## **Customer Feedback Summary:**

- Satisfaction with project delivery and technical implementation.
- Positive acknowledgment of environmental impact.
- Concerns raised regarding complex communication and scope changes.
- Perception of vulnerability in team structure and risk management.
- Suggestions for clearer, more concise communication and comprehensive risk mitigation strategies.
- Overall score of 76 out of 100 provided by the customer.

# Thank you

**Questions, Comments, Concerns**