

# MAHI SOLAR

**Application to Extend the Deadline for Establishing the Project  
Decision and Order (D&O) Docket No. SP21-412 (September 17, 2021)  
Petitioner: Mahi Solar, LLC**

**Planning Commission Public Hearing  
June 26, 2024, 1:30 PM**

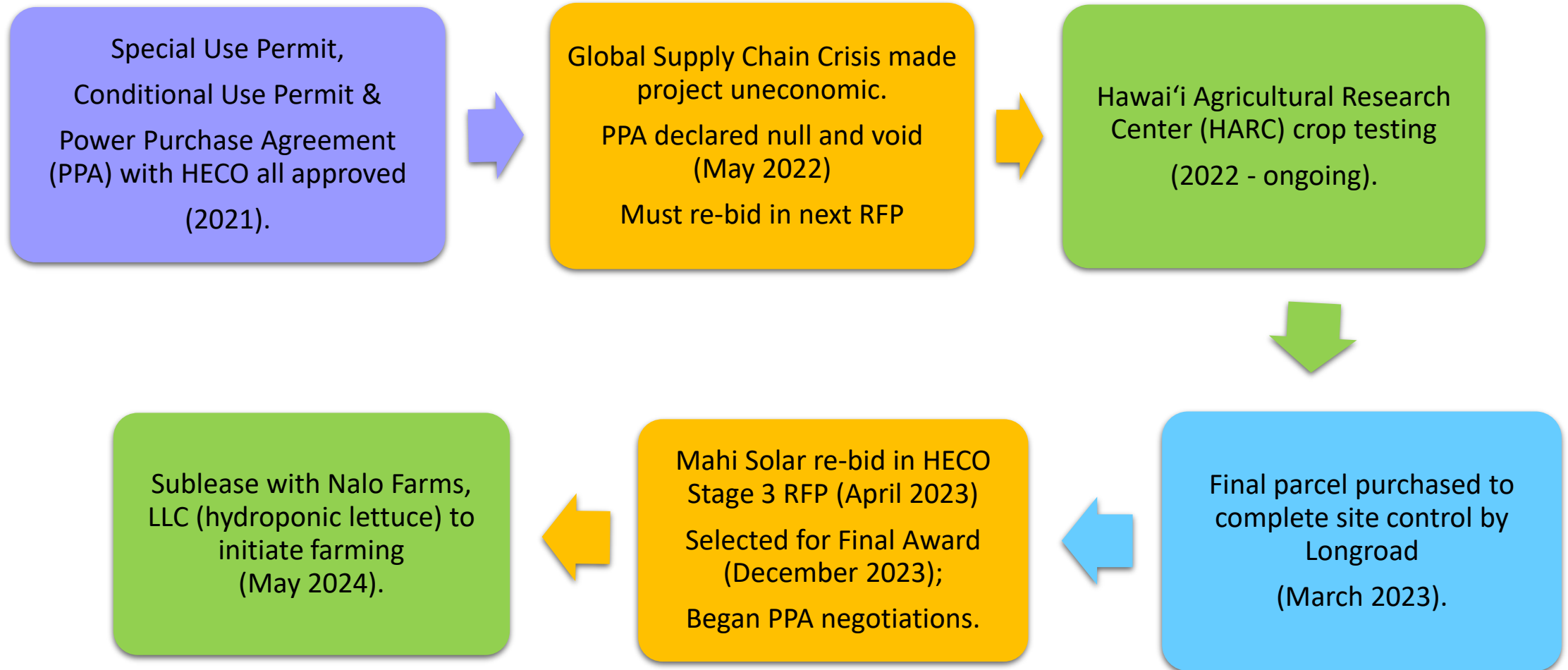
# Mahi Solar Project in Kunia

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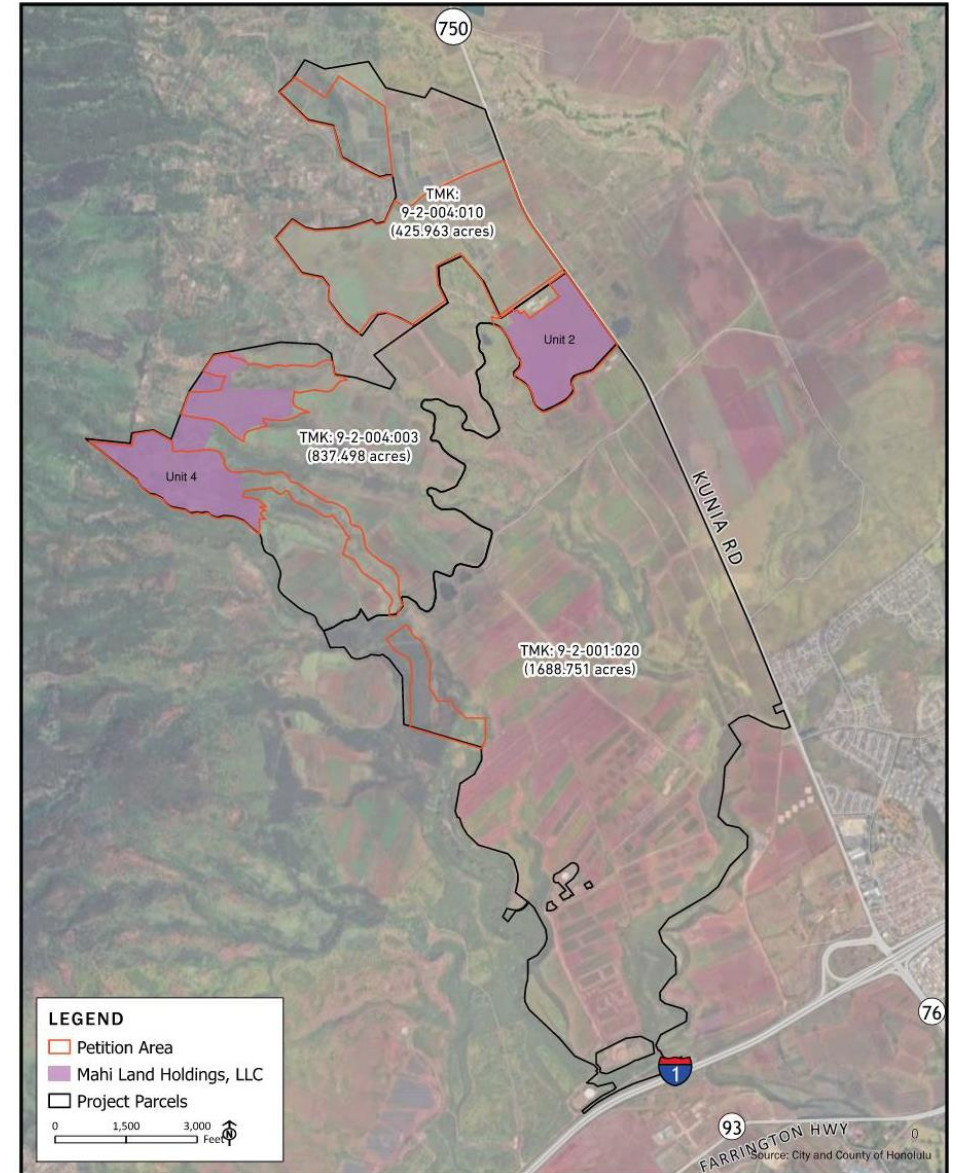
# Project Progress

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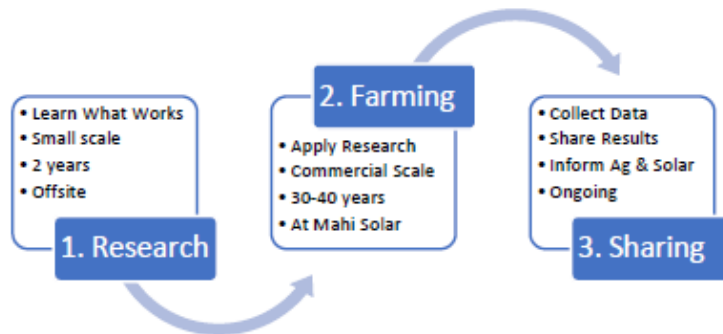
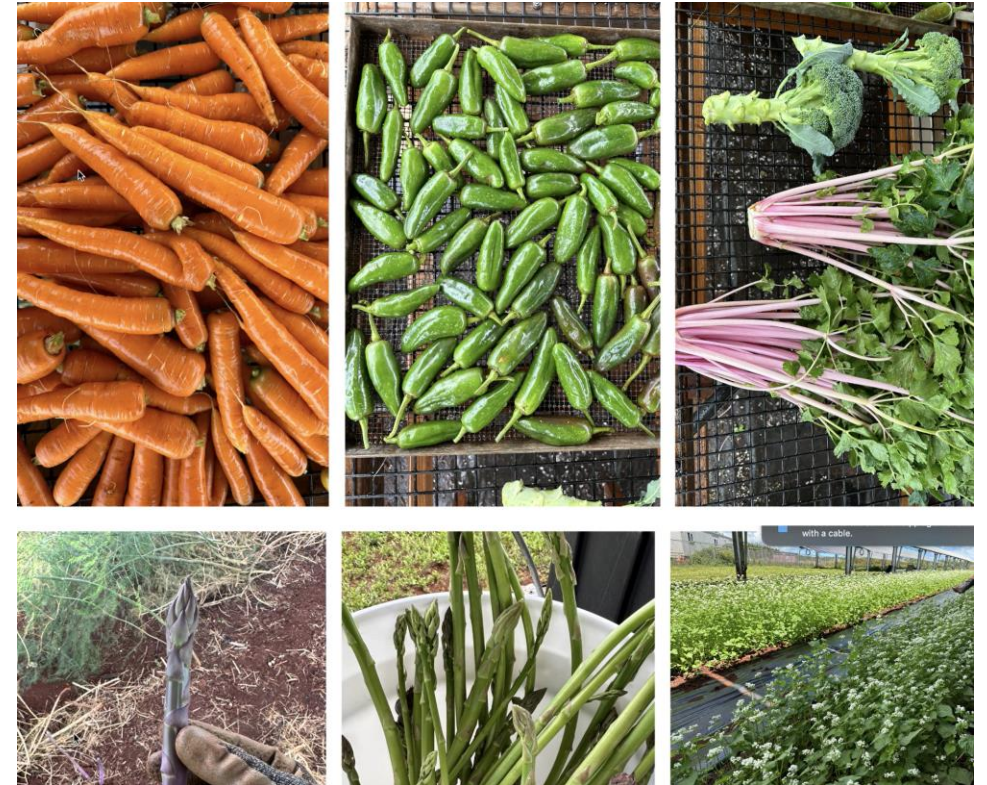
# Purchased Land for Project

- Since 2021, Longroad Energy purchased ~220 acres of Petition Area through an affiliate, Mahi Land Holdings.
- Tax Map Keys (TMKs):
  - 9-2-001: 020 (por.)
  - 9-2-004: 003 (por., Condominium Property Regime (CPR) Units 1, 2, and 4)
  - 9-2-004: 010 (por.)

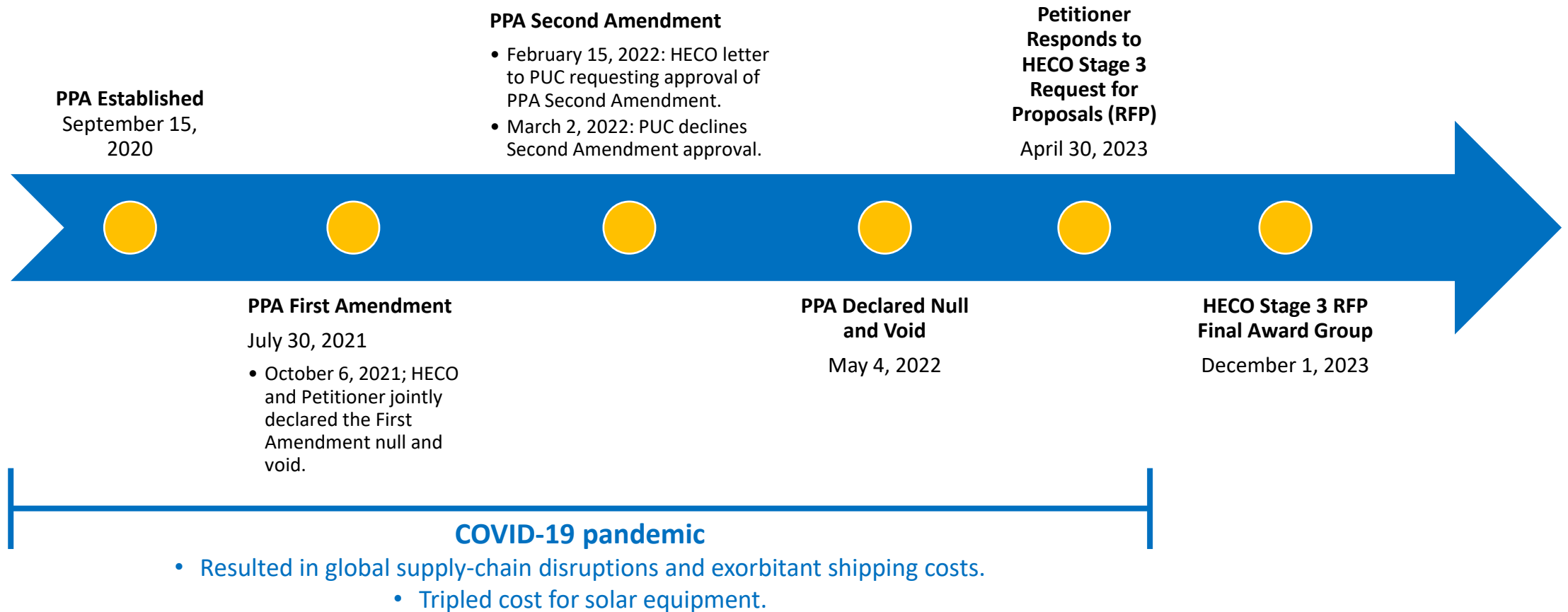


# Agrivoltaics: Co-locating Solar and Agriculture

- Funding 4 years of research by the Hawai'i Agriculture Research Center.
- Identifying crops that can be farmed under or between solar panels.
- Sharing results with farmers and other solar companies
- Goal is to move from research into commercial farming & ag uses throughout the Petition Area
- Signed first sublease (45 acres) with hydroponic lettuce producer.




# Timeline of the Power Purchase Agreement



# Special Use Permit (SUP) Decision and Order (D&O) Docket No. SP21-412

- Approved by the Land Use Commission (LUC) on September 17, 2021.
- Includes compatible agricultural activities at a lease rate of at least 50% below the fair market rent.
- Condition No. 4: Project must be established within 3 years of the D&O.
- Request to modify Condition No. 4.

 LAND USE COMMISSION  
STATE OF HAWAII  
2021 SEP 17 P 12:29

BEFORE THE LAND USE COMMISSION  
OF THE STATE OF HAWAII


|  |   |                                |
|--|---|--------------------------------|
| In the Matter of the Petition of               | ) | DOCKET NO. SP21-412            |
| MAHI SOLAR, LLC                                | ) | FINDINGS OF FACT, CONCLUSIONS  |
|  | ) | OF LAW AND DECISION AND ORDER; |
|  | ) | AND CERTIFICATE OF SERVICE     |
| For a Special Use Permit to Establish          | ) |                                |
| a Solar Energy Facility on                     | ) |                                |
| approximately 620- acres of land               | ) |                                |
| within the State Land Use                      | ) |                                |
| Agricultural District at 'Ewa District         | ) |                                |
| of O'ahu, Hawaii"; Tax Map Key                 | ) |                                |
| No. (1) 9-2-001:020(par.), and                 | ) |                                |
| (1) 9-2-004:003 (par.), 006 (par.), 010 (par.) | ) |                                |
| And 012 (par.)                                 | ) |                                |

FINDINGS OF FACT, CONCLUSIONS OF  
LAW AND DECISION AND ORDER

AND

CERTIFICATE OF SERVICE

This is to certify that this is a true and correct copy of the document on file in the office of the State Land Use Commission, Honolulu, Hawaii.

September 17, 2021 by 

Executive Officer

## Request for SUP Modification

Condition No. 4 of the D&O (Docket No. SP21-412):  
**Project must be established within 3 years of the D&O  
(September 17, 2024).**

Request to modify condition submitted to the Department of Planning and Permitting  
(March 27, 2024).

(A) modifying Condition 4 of the SUP so that  
Petitioner is now required to establish the Project  
within three (3) years **from the latter of**

**(i)** the date of the Commission's order granting  
this Motion for Order Granting Extension of Time  
("Motion")

or

**(ii)** the date that Petitioner and HECO enter into  
a new Power Purchase Agreement for  
Renewable Dispatchable Generation ("New  
PPA")

(B) approve a corresponding extension  
of any other deadline imposed by the  
SUP which may be related to the  
establishment of the Project.



A photograph of a solar farm with rows of blue solar panels mounted on metal frames. In the foreground, a herd of brown cows is grazing in a lush green field. The sky is overcast with grey clouds.

# MAHI SOLAR

Mahalo!