

# ***Mendocino Coast Solar***

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March 30<sup>th</sup>, 2023



# Portfolio Wide Solar

## History of the Program

- March 2019 Adventist Health entered a Master Service Agreement with Engie North America after portfolio wide RFP
- Power Purchase Agreement (PPA) option selected
  - Lower rate for the purchase of electricity compared to local utilities
  - Zero cost for operations and maintenance – system “owned” by the developer
  - Off balance sheet accounting – AH does not need to account for payment obligations in financial reporting
  - Results in no maintenance or construction costs being passed to MCHD or AH
- Currently 9.9 MW of on-site solar operational
  - Has delivered 14.5 Million kWh of carbon free energy since January 2021.
- Additional 4.2 MW still under construction



# Solar Installation Types



Ground Mount

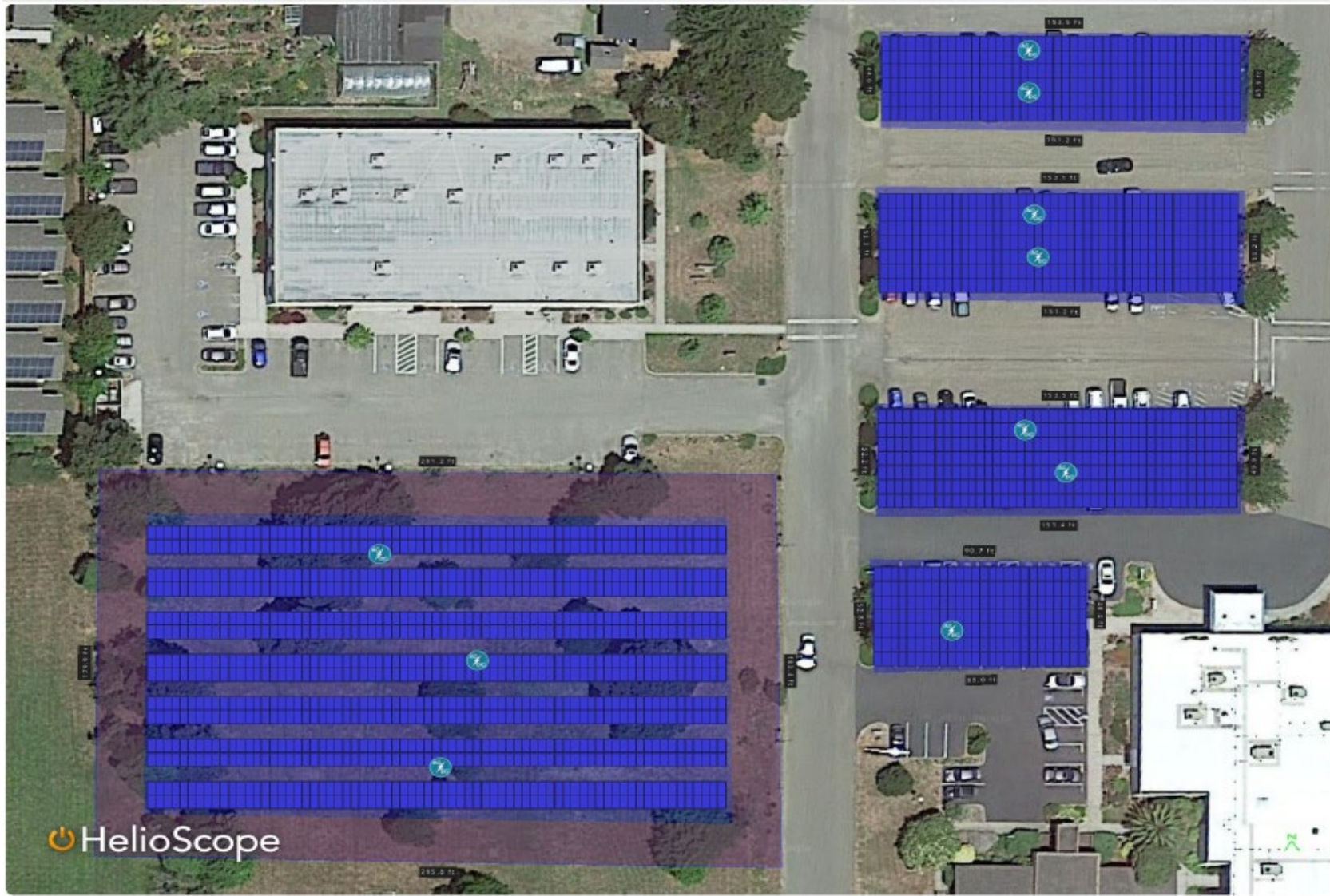


Carport

Rooftop



# Proposed Design – Carport and Ground



## Highlights

- Total System Size - 864 kW
- Annual Production – 1,241,000 kWh
- Offsets ~ 86% of the facility's load
- Eliminates 345 Tons of CO<sub>2</sub> emissions per year
  - Equivalent of 15,000 Trees
- EV Charger Potential
- Encumbers land for 20 years
- Power paid for through PPA with 0% escalation rate

## Roadblocks

- Ground mount and lower 2 carports would conflict with construction of new hospital.
- CA is changing Net Energy Metering (NEM) rules reducing financial viability
  - April 13<sup>th</sup> deadline for applications

# Our Ask

- **Initial Ask:** Allow for the submission of an interconnection application with PG&E based on the current design before April 13<sup>th</sup> deadline.
  - This is a non-binding application and can be withdrawn at no penalty if it is determined a new hospital is to be constructed or overall direction of program changes.
  - Allows for additional time to review proposal and for financial impact calculations to be completed
- **Secondary Ask:** Redesign solar to align with new hospital and incorporate Battery Energy Storage under the new NEM-3.0 rules in order to maximize financial savings and increase resiliency.
  - Battery can be partially funded by SGIP Grants and Federal Inflation Reduction Act

