



SunTilt Presents: GPS Controlled Solar Panels with Reflector

Project Overview

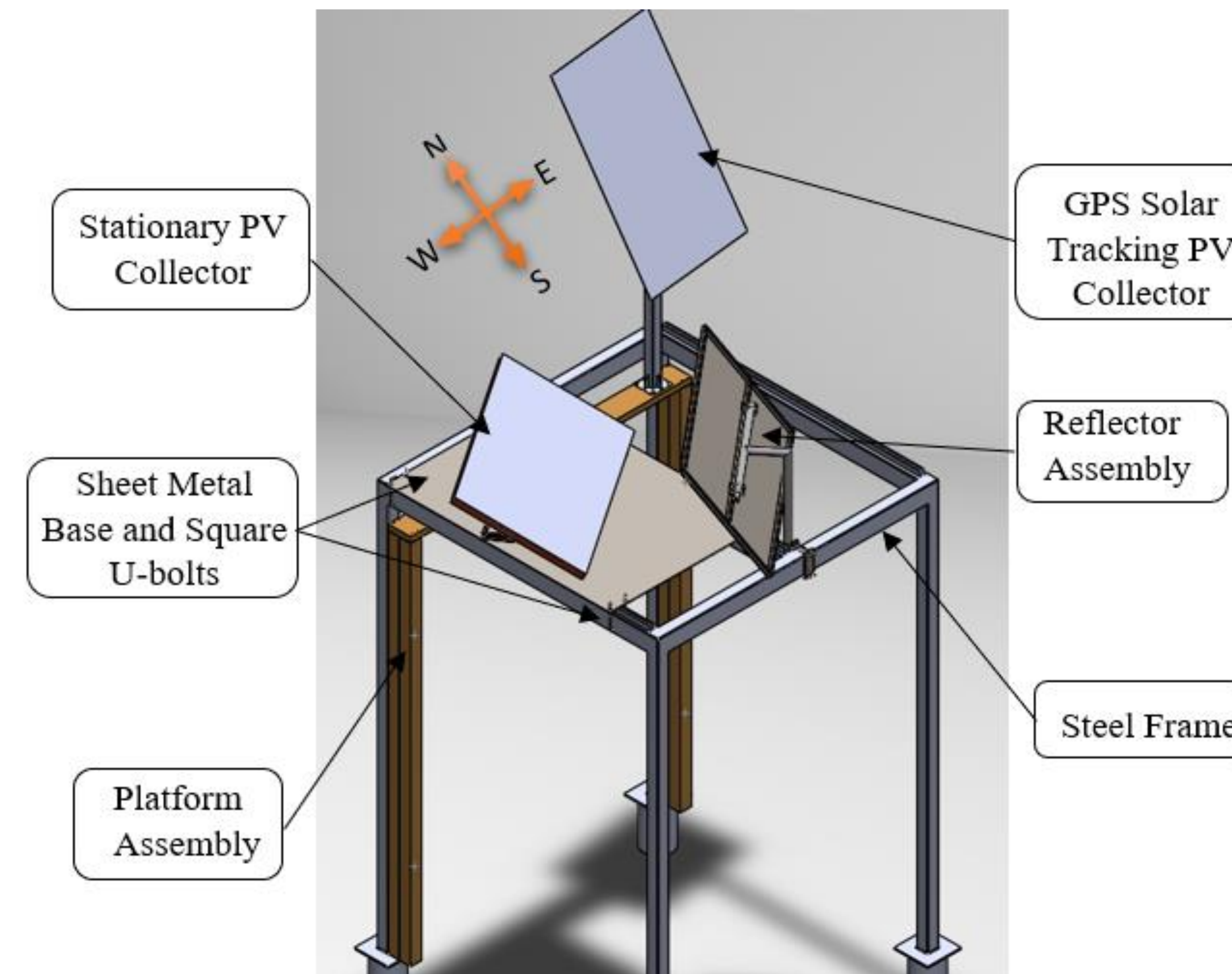
-Goal: Compare collected energy from the GPS tracking solar panel with the stationary solar panel with an added reflector

-Tasks:

- Design and build a method to raise the solar panels near the top of steel frame to minimize potential shading and maximum solar energy input
- Design and fabricate reflector for stationary solar panel to maximize solar energy input during peak hours for cost benefits

-Analysis: Energy collection, cost benefits, dust collection, humidity, and cloud impact

Final Assembly



Our Team



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Updated System



System Level Diagram

