



## Solar Tracking System Camarillo, California

## Structural Engineering



MME was retained to provide structural support for the retrofit of an existing single axis solar tracking system. Our work included a detailed review of the structure's load paths and design assumptions to become familiar with the tracking system.

In collaboration with our client, we developed a new tracking mechanism custom fit to the confines of the existing structure. Our innovative approach avoided welding or cutting of the hot dipped galvanized steel and eliminated the need for temporary shoring. This shortened the construction schedule, reduced overall costs and maintained the long term performance objectives of the owner.

The functionality of the final design/build emphasizes Mesiti-Miller Engineering's commitment to the whole project. Challenges faced were ultimately redirected into opportunities and benefits shared by the entire team.



### Client Reference:

Timothy Leonard, President  
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Photovoltaic Size: 1.1 MW