

# Putting the Tracker Flat

## Introduction

There are situations when the tracker installer or end customer may want to temporarily put the AllEarth solar tracker flat (array horizontal). Typical situations might be:

- Need to landscape or mow under the tracker.
- Need to temporarily de-commission the tracker while waiting for final permitting or inspection.
- Concerns about an upcoming storm with high winds.



- The tracker should not be left flat and unpowered during extended periods of snowfall since the tracker will not be able to dump accumulated snow.

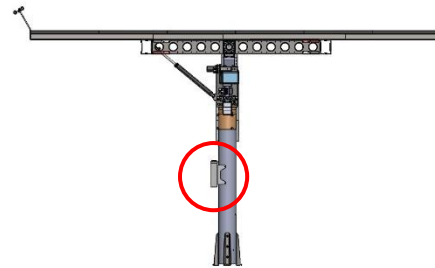
## Procedure

### Setting the Tracker Flat

1. In the load center (breaker panel) located on the tracker mast, there are two breakers – a 15 amp breaker for the tracker and a 40 amp breaker for the inverter. Switch the 15 amp breaker to the off position to temporarily shut off power to the tracker.
2. Wait five seconds, then turn the breaker back on. The tracker will begin its reset process, the first step of which is for the tracker to go flat/horizontal.
3. The tracker will go flat within the first 90 seconds of the reset process. While the tracker is flat during this process, turn off the 15 amp breaker. This will keep the tracker in the flat position until power is restored.
4. While the tracker is flat using this procedure, the panels and inverter will continue to produce power but at a reduced rate.

### Restore Normal Operation

1. To make the tracker resume normal operation, simply turn on the 15 amp breaker in the load center on the tracker mast and allow the tracker to go through its normal reset procedure.
2. During the reset process, the HPU motor will run for about 90 seconds, the tracker will move East and/or West for a few minutes, then rotate and tilt into its correct tracking position.



Location of Load Center



Load Center  
(Shown with Cover Removed)