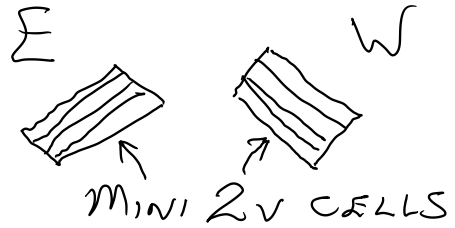


'SENSOR SOLAR PANELS'



LEVEL SWITCH. OR TILT SENSOR  IN VERTICAL POSITION.

ARDUINO TO MEASURE VOLTAGE FROM SENSOR PANELS EVERY 5 MINUTES. WHEN COMBINED VOLTAGE $> x$ ENERGISE RELAY UNTIL VOLTAGES ARE EQUAL. WAIT ANOTHER 5 MINUTES & REPEAT. WHEN COMBINED VOLTAGE $< x$ ENERGISE RELAY UNTIL LEVEL SWITCH IS LEVEL, USING A TILT SENSOR?

REQUIRED - ABILITY TO COMPENSATE FOR DIFFERENCES IN VOLTAGES BETWEEN ONE SENSOR PANEL OR ANOTHER, i.e. BE ABLE TO 'TUNE' THE THE SYSTEM.

- HAVE MANUAL CONTROL OF THE TRACKER, FOR CLEANING OR MAINTENANCE OF THE PANELS/TRACKER.