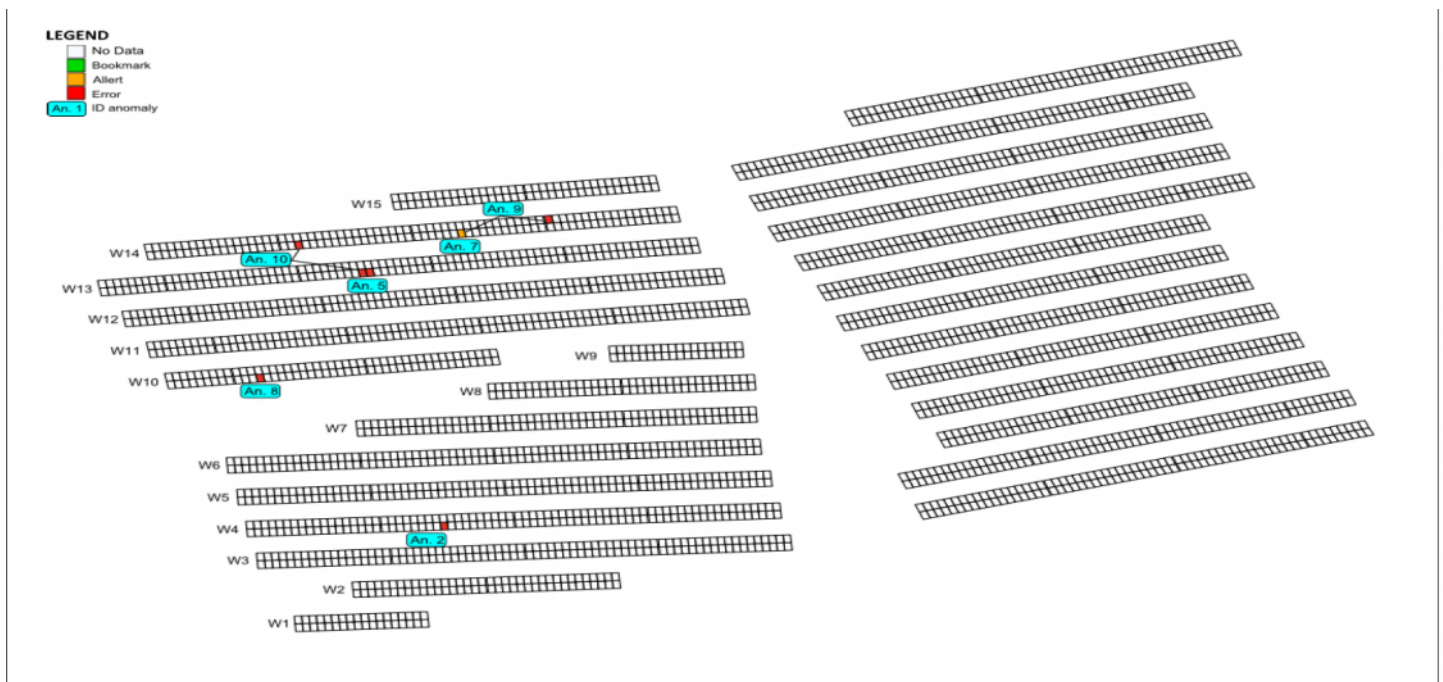


Inspection Report

General information

<i>Location: 3001 south king drive, apt 215, Chicago, IL,US</i>
<i>Total Failure: 6</i>
<i>Tips: HAHHAHA</i>

Index map of detcted failures



Summary

In summary, there 2 two parts: failure summary and environment summary. Failure Summary contains all detected failures from selected flight log. Environment Summary contains weather, detailed information (area, landform pictures).

Failure Summary

Panel Label	Issue
CB-1.1-2.3	Cell Hotspot
CB-1.1-2.13	Defective Bypass Diode
CB-1.1-7.2	Connector or Fuse Issue
CB-1.3-9.14	Cell Hotspot
CB-1.4-15.14	Cell Hotspot
CB-1.7-10.13	Connector or Fuse Issue

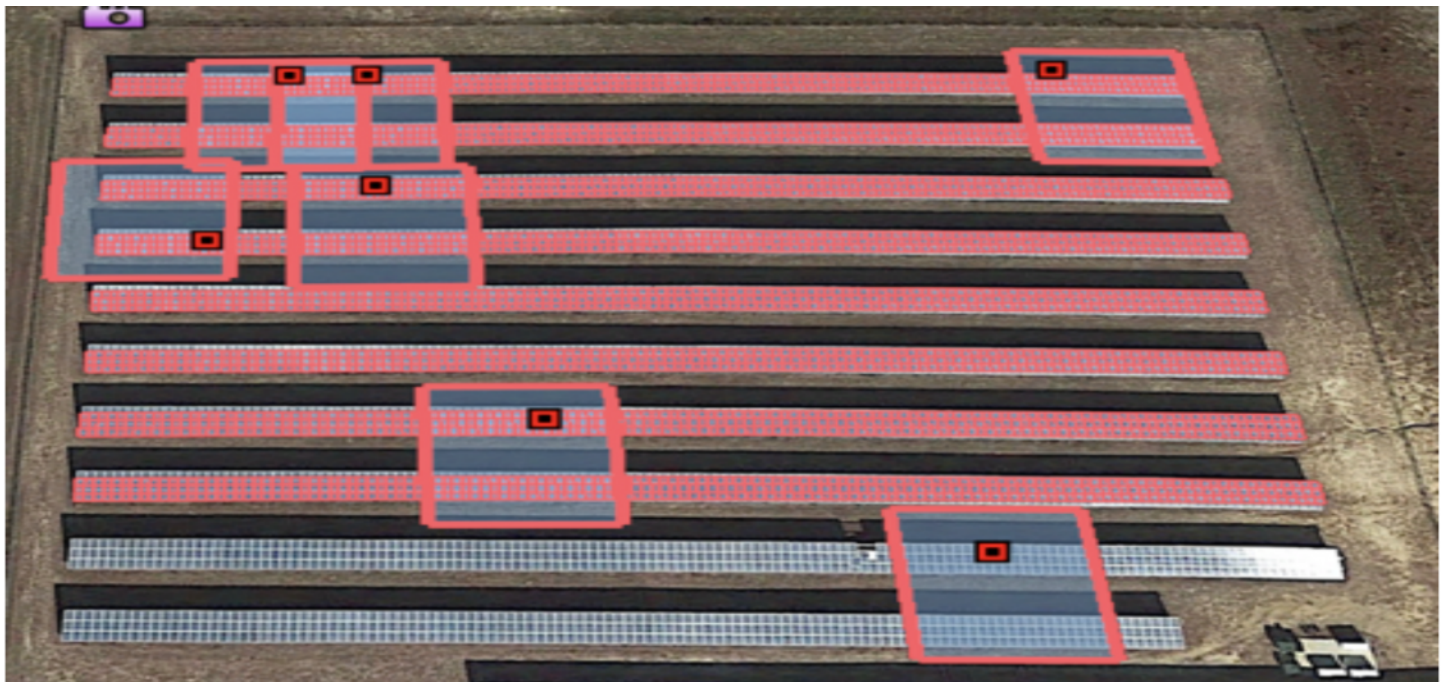
Environment Summary

Weather Information	
general	Sunny/Cloudy
Temperature	23 °C
wind	11 mpf
Inspection Area Information	
MODULE STC DC RATING	310W
TOTAL STC DC SYSTEM SIZE (KW)	2615.16
companyName	NAME SHOULD LONG ENOUGH ENERGY SOLUTION
RACKING SYSTEM	GAME CHANGE
INVERTER MODEL	(2) SOLECTRIA SGI 750XTM (750kW) AND (1) 500XTM (500kW)
ARRAY AZIMUTH	180°
MODULE MODEL	CHINA SUNERGY CSUN310-72P
MODULE TILT	25°
TOTAL AC SYSTEM SIZE (KW)	2000
MODULES PER SOURCE CIRCUIT	19
SITE LATITUDE	36°N
TOTAL MODULE COUNT	8,436
Location	3001 south king drive, apt 215, Chicago, IL,US

Flight coverage map



Detailed coverage map



Detailed failure report

Panel Label	Latitude	Longitude
CB-1.1-2.3	3.602270e+01	-7.800910e+01
Video Time	Issue	Affected Nodes
6.798230e+00	Cell Hotspot	Add IN Future
Index Map Picture		



Panel Label	Latitude	Longitude
CB-1.1-2.13	3.602270e+01	-7.800899e+01
Video Time	Issue	Affected Nodes
8.815791e+00	Defective Bypass Diode	Add IN Future
Index Map Picture		



Panel Label	Latitude	Longitude
CB-1.1-7.2	3.602270e+01	-7.800805e+01
Video Time	Issue	Affected Nodes
3.034366e+01	Connector or Fuse Issue	Add IN Future
Index Map Picture		



Panel Label	Latitude	Longitude
CB-1.3-9.14	3.602246e+01	-7.800898e+01
Video Time	Issue	Affected Nodes
5.868599e+01	Cell Hotspot	Add IN Future
Index Map Picture		



Panel Label	Latitude	Longitude
CB-1.4-15.14	3.602235e+01	-7.800920e+01
Video Time	Issue	Affected Nodes
6.423668e+01	Cell Hotspot	Add IN Future
Index Map Picture		



Panel Label	Latitude	Longitude
CB-1.7-10.13	3.602202e+01	-7.800879e+01
Video Time	Issue	Affected Nodes
1.344385e+02	Connector or Fuse Issue	Add IN Future
Index Map Picture		



Terms And Definition

Term	Definition
Mode Index expression	Based on user company rule. E.G.: CB-1.1-2.3. CB: combiner box, 1.1: Area 1 row 1, 2.3: Third of second line

Hot spot	A module(s) identified to be warmer than others suggests the module is disconnected from the system (i.e., open circuited)
Defective Bypass Diode	Randomly heated cell patterns can suggest all bypass diodes have short circuited or that a module is incorrectly connected
Cracked	A module(s) identified obviously broken
Connector or Fuse Issue	Cells are identified to be cooler much more than others suggest the problems in Connector of Fuse Issue

Analysis

Inspection Result

Errors	6
Inspected Modes	4873
Error Rate	0.123127436897

Cell Hotspot

Def

