



Hornbill Drones  
**Solar Inspection**  
Analysis report

Sun, March 5, 2023

## Megawatts Solar Farm Aerial PV Inspection

# Thermal Analysis Document

# Site Summary



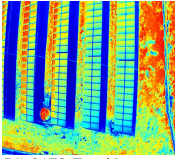
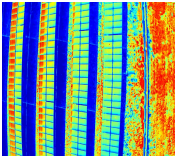
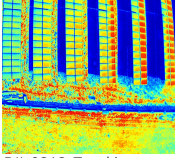
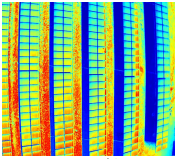
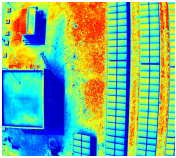
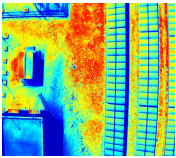
Inspection Details:

Site Lat/Long	17.3N   78.1E
DC Capacity	50.0 MWp
Irradiance	Above 600 W/m2
Emissivity	-
Temperature (Sky)	- °C
GSD	7.00 cm/px

Camera Details:

Sensors	-
Focal Length	- mm
Sensor Resolution	-
Pixel Pitch	- μm
Spectral Band	- μm

## Site Report

Section name	Anomaly Type	Module Coordinates	Latitude	Longitude	Severity	Actual Model Temp. (T1)	Hotspot Temp. (T2)	Delta Temp. (( $\Delta T = T1 - T2$ ))	Image name
section-n	Multi hotspot affected module	x-y	17.056326000000002	78.17380252777778	Minor	50.952	52.565	1.613	 DJI_0178_T_col.jpg
section-n	Multi hotspot affected module	x-y	17.05632613888889	78.17340833333334	Minor	50.267	47.203	3.064	 DJI_0192_T_col.jpg
section-n	Multi hotspot affected module	x-y	17.05620963888889	78.17327477777778	Moderate	51.745	52.565	0.82	 DJI_0212_T_col.jpg
section-n	Multi hotspot affected module	x-y	17.055740888888888	78.1736651388889	Minor	53.202	53.102	0.1	 DJI_0358_T_col.jpg
section-n	Single hotspot affected module	x-y	17.055622944444444	78.1734376388889	Minor	52.833	54.101	1.268	 DJI_0390_T_col.jpg
section-n	Single hotspot affected module	x-y	17.055622805555558	78.17337747222223	Minor	53.413	53.716	0.303	 DJI_0392_T_col.jpg

