



Project Owner :

EDF Energies Nouvelles

Project Manager :

DIADES

Companies:

Not Applicable

Year:

Studies : September 2013

Principal characteristics:

Surface area: 23 ha
 Number of Units: 95 000 units
 Type: First Solar units
 Installed capacity: 7MWc

Background

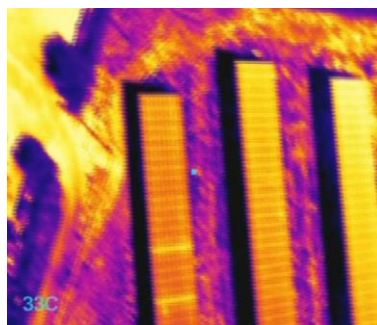
EDF New Energies wishes, in the framework of its economic analysis site, to make a review of the current state of its Photovoltaic plant.

Located in the department of Aude (11), a surface area of 23 hectares and over 70,000m² of exposure surface, the park has an annual production capacity of 9175MWh since it was put into service in 2008.

DIADES' Mission

Our mission consisted of performing a technical and detailed inspection of a part of the photovoltaic field. Thus, we have established a general condition in terms of:

- Taking pictures with the high definition camera, for any damage present on the area to be inspected ,
- Thermal imaging camera controls (infrared technology) and reconciliation of the physical observations with the thermal rendering.



Specifics of the mission

To complete this particular mission, we equipped the Diadès drone with a thermal camera. It detects faulty elements which show particularly increased heat on the surface of the photovoltaic panel.

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