

Test of photovoltaics modules

Record number : OPR-485

Overview

RESEARCH DIRECTOR

Maxime Darnon, Professeur associé -
Department of Electrical and Computer
Engineering

Information

maxime.darnon@usherbrooke.ca

ADMINISTRATIVE UNIT(S)

Faculty of Engineering
Department of Electrical and Computer
Engineering
Interdisciplinary Institute for Technological
Innovation

LEVEL(S)

Master's degree
Ph.D.
Postdoctoral Fellowship

LOCATION(S)

3IT - Institut interdisciplinaire d'innovation
technologique

Project Description

Solar energy is taking an increasingly important place in the global energy mix. Each conversion technology from solar energy has its share of advantages and disadvantages, and its performance must be verified in real conditions of operation.

In this research project, we propose to set up measuring instruments and measurement methods for prototypes of photovoltaic modules.

These methods will be applied to characterize modules provided by our industrial partners in our 1MWp solar park installed in 2018.

This work will be carried out within the framework of the international research laboratory LN2 bringing together researchers from Université de Sherbrooke and CNRS (France).

Discipline(s) by sector

Natural Sciences and Engineering

Electrical Engineering and Electronic
Engineering

Funding offered

Yes

The last update was on 29 March 2021. The University reserves the right to modify its projects without notice.