



Sensor system



Description

Singular infrastructure for the validation of systems connected to the grid. Including power converters with grid generation capabilities, regenerative power sources (AC and DC), hardware-in-the-loop emulators and storage systems. Including a built-in grid and communication management system. Featuring a PV generation system. Grid data: AC and DC, low voltage (690 VAC and 1500 VDC). Power: 2 feeders: 100 and 150 kVA..

Uses and applications

Electrical energy conversion tests and experiments and validation of electrical systems connected to the grid.

Equipment classification

Demo units.

Associated services

- Expert advice on digital technologies for Energy Management Systems.
- Proof of concept for technologies to support energy management systems.
- Training in open source digital technologies for energy management systems.

Photos



Organisation



Universidad de
Oviedo



Web

<http://lemur.grupos.uniovi.es/>



Contact

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Location

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33204, Gijón (Asturias)

Equipment code

N2.50

Service code

A.5

E.6

F.1

