

ICCS-NTUA



Description and scope

The Institute of Communication and Computer Systems (ICCS) is a private law body associated with the Department of Electrical and Computer Engineering of the National Technical University of Athens (NTUA). ICCS has been established in 1989, in order to carry research and development activities in the fields of telecommunication systems and computer systems and their applications in a variety of applications, such as electric power systems, software and hardware engineering, control systems and biomedical engineering. The Electric Energy Systems Laboratory (EESL) is one of the Research Groups of ICCS and offers various degrees of experimental training for students, as part of relevant courses.

Main current Researches

- Power System Analysis
- Control techniques for Microgrids
- Multiagent Systems
- Real-Time and Hardware-in-Loop simulation
- Electric Vehicles and grid interaction
- Energy market
- Small Wind Turbines

Research Infrastructure Installation

ELECTRIC ENERGY SYSTEMS LABORATORY

It consists of a LV microgrid, including several generators with different technologies controllable loads and storage systems. A MultiAgent System, an RTDS with a Power Interface, a test-site for Small Wind Turbines and a PV outdoor test facility are operated.



Offered Services

The Electric Energy Systems laboratory of NTUA provides several services such as:

- Testing DG components within the microgrid operation
- Communication with distributed resources
- Operation of Multi-Agent system
- Real-time Simulator interaction
- Small Wind Turbine equipment testing

Contact details

Address: 9 Iroon Polytechniou, Zografou, Athens, Greece

Website: www.iccs.gr

<i>For Management/Organization Issues</i>	<i>For Technical issues</i>
Nikos Hatziargyriou Tel. +30 210 7723661 Fax +30 210 7723968 Email: nh@power.ece.ntua.gr	Panos Kotsampopoulos Tel. +30 210 7721499 Fax +30 210 7723968 Email: kotsa@power.ece.ntua.gr