

Future energy scenarios developed for the Italian energy system suggest that 85-95% of electricity generated in Italy should be renewable by 2050, with solar panels and wind turbines leading the ...

Domenico Ferrero currently works at the DENERG - Department of Energy, Politecnico di Torino. Home; Politecnico di Torino; DENERG - Department of Energy ... stack, and power systems with solid ...

Federico Piglione currently works at the DENERG - Department of Energy, Politecnico di Torino. Federico does research in Electrical Engineering, Artificial Neural Network and Data Mining. Their ...

Politecnico di Torino; DENERG - Department of Energy; ... Politecnico di Torino ... mid-and long-term effects of the COVID-19 pandemic on the Italian power system, particularly electricity ...

Technology Transfer System; Corporate relations; Connecting research to the market; ... Department of Energy "Galileo Ferraris" (DENERG) ... Politecnico di Torino | Corso Duca degli Abruzzi, 24 | 10129 Torino, ITALY | P.IVA/C.F. 00518460019 ...

Politecnico di Torino; DENERG - Department of Energy; ... Politecnico di Torino ... The paper proposes the development of a set of rules for the resizing of inductive power transfer systems with ...

In the power and energy systems area, a progressive increase of literature contributions containing applications of metaheuristic algorithms is occurring. ... Politecnico di Torino; Department ...

Politecnico di Torino; DENERG - Department of Energy; ... but computationally expensive method of analyzing power system phenomena. Thereby, interconnecting several real-time simulators can unlock ...

Politecnico di Torino; DENERG - Department of Energy; ... Politecnico di Torino ... Polygeneration configurations for small power generation systems offer significant potential for energy saving ...

Politecnico di Torino; DENERG - Department of Energy; ... Politecnico di Torino ... the goal of this paper is to analyze and assess the energy and economic benefits of a PV system integration onto ...

You will become a junior energy engineer, responsible of energy conservation and rational use within the industrial, civil, technology, scientific research and innovation sectors, involving fossil sources (oil, coal, gas), renewable sources ...

The Department of ENERGY (DENERG) is the point of reference in Politecnico di Torino for the areas of knowledge concerned with energy and sustainable development. The Department ...

PhD Student of Energetics at Politecnico di Torino (Italy) - M.Sc. in innovative production of energy. Home; Politecnico di Torino; DENERG - Department of Energy ... Energy system macro-models ...

Mojtaba KHALILIAN | Cited by 241 | of Politecnico di Torino, Turin (polito) | Read 22 publications | Contact Mojtaba KHALILIAN ... Politecnico di Torino; DENERG - Department of Energy; Mojtaba ...

Politecnico di Torino; DENERG - Department of Energy; ... Politecnico di Torino ... parameterization tasks also makes them extremely attractive for the design of the Energy Management Systems (EMS ...

The design of renewable energy systems for Nearly Zero Energy Buildings (NZEB) is a complex optimization problem. In recent years, simulation-based optimization has demonstrated to be able to ...

Politecnico di Torino; DENERG - Department of Energy; ... Politecnico di Torino ... and network models for the intelligent control of a distributed system which also comprises power generation ...

The two plants are part of a new cogeneration and trigeneration system laboratory at the Politecnico di Torino (Turin, Italy), which will be set up and exploited for scientific and technical purposes.

The paper presents the research work performed at the Energy Department of the Politecnico di Torino, concerning the development of two-phase flow instrumentation and of models, based on the ...

Politecnico di Torino; DENERG - Department of Energy; ... Faculty at Politecnico di Torino in 1991 as a Researcher Assistant, to be then appointed as Associate Professor in 1998, and finally ...

Politecnico di Torino; DENERG - Department of Energy; ... Politecnico di Torino ... the presence of a large amount of local generation is raising a number of issues referring to the power system ...

Enrico Fabrizio currently works at the DENERG - Department of Energy, Politecnico di Torino. Enrico does research in Building Physics, Building Simulation and Agricultural Engineering. Their most ...

TurboCare and Politecnico di Torino (Italy) have installed an SOFC laboratory in order to analyse the operation of two SOFC generators (Project EOS-100 kW and EBE-5 kW) built by Siemens Power ...

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