

To support a modular approach to grid planning for applied hybrid ACDC microgrids, alongside existing MV-LV AC grids, the DC pilot installation located in Terni (Work Package (WP) 8) was modeled, ...

This microgrid integrates our biomass generators with both solar and wind generation equipment, all coordinated with a special "brain" that monitors and allocates the resources to allow the most ...

To develop a comprehensive use case characterization methodology relying on both visual and textual elements and based on technical literature and industry-proven methodologies, to ensure ...

DSO grid ASM TERNI (Terni, Italy) LV DC - ACDC hybrid grid in a "living" DSO grid (connection via MV LVAC-transformers), it extends a section of the AC grid, which already includes RES, industrial and ...

MICROGRID DEMONSTRATORS OF THE PROJECT Delivering Renewal and Innovation to Mass Vehicle Electrification Enabled by V2X Technologies ... Introduction

Medium-term vehicle-to-building charging in commercial buildings for optimized energy operations and grid balancing benefits. Long-term V2B charging with load aggregation in parking lots for dynamic ...

? Look back at September with a Symposium on Microgrids ? We are pleased to announce the presentation of our colleague Massimo Cresta from ASM Terni S.p.A. (Italy), entitled: "HYPERIDE -...

Due to growing non-consumed local PV generation in the city, there are significant issues with reverse power flows. Thus, the DSO ASM Terni is seeking new technological solutions to add more flexibility ...

The model is tested in a real environment: a portion of the Terni electrical distribution network. Several scenarios were identified, considering users' participation at different levels and ...

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