



NICE GRID

AN INNOVATIVE PROJECT FOR A SMART SOLAR DISTRICT

The ambition of Nice Grid is to study the whole Smart Grid concept, especially the smooth integration of Distributed Energy Resources into the local Low Voltage grid: renewable generation with rooftop solar panels, electric and thermal storage and load curtailments with smart home equipment.

The pilot near Nice tests programs of dynamic load management to:

- Enhance the integration of solar power generation into the existing distribution grid
- Reduce consumption levels during peak demands
- Study the islanding of a neighborhood based on solar generation and electric storage

