

MAKING THE MOST OF DEMAND FLEXIBILITY

Managing the demand is a key point towards smart grids and tomorrow's energy landscape.

At EDF, the R&D department studies and experiments innovative solutions for active demand management

- Exploring flexibility for buildings: potential flexibility of energy uses, energy efficiency and load modulation
- Developing management strategies in order to better exploit these potentials: comfort, energy performance, load curve...
- Enabling the emergence of load management technologies in buildings: interfaces, communication protocols, simple and cost-effective solutions
- Experimenting and validating these solutions in laboratories and on the field

The Multi-Energy House allows to test and evaluate innovative solutions to operate buildings energy systems, by combining uses, local production and energy storage.



CONCEPT GRID AND THE MULTI-ENERGY HOUSE

The Multi-Energy House is a real laboratory-house which enables to explore new energy uses in buildings by testing innovative management solutions. Connected to the Concept Grid, it opens up to advanced management for future energy uses.

