

Flagship project

Smart grid geothermal energy

The logic of smart grids which is, above all, collaborative, mixes energy sources (fossil and renewable, central or local) and, thanks to the collection and analysis of data via information systems, makes it possible to pool resources in order to smooth out consumption peaks by transferring surplus production to third-party networks.

The storage of electrical energy is a major challenge and innovations in this area are very rapid and promising. We can store electricity in the metal structure of a building, heat a swimming pool at night and recover the heat in the morning...

Our territory is consolidating its pioneering heritage. The heating network of the Paris-Vallée de la Marne Urban Community operated by ENGIE Solutions was designed to offer a clean, local and renewable heating and hot water solution, powered by geothermal energy. Eventually, this network will serve 10 districts in Noisiel and Champs-sur-Marne and the equivalent of 10,000 homes.

Smart grids are being studied for deployment in the Cité Descartes.



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