SMART GRIDS

The RTE electricity transmission network

Europe’s biggest, with over 100,000 km of high and very high voltage power lines.

35 million ERDF supply points

A 1.3 million km network serving 95% of the population in mainland France.

Renewable energy connections

Up 60% for wind power and 42% for solar: 12.8 GW fed into the grid by late 2014.

Smart grid experiments

ERDF is rolling out the Linky smart meter.

R&D

EDF’s world-class R&D works for all of the Group’s businesses, with three main focuses: consolidating and developing competitive, low-carbon generation mixes; designing and planning tomorrow’s electric systems; and developing and experimenting with new energy services. The EDF Group’s R&D Division is one of the biggest in the electricity sector, with 10 sites on three continents. It is present in France, UK, Italy, Germany, Poland, USA, Singapore and China.

€650 million for the R&D budget in 2014.

10 centres (three sites in France and seven sites in other countries).

14 laboratories.

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