

EDF and China Datang Corporation to build and operate a 2,000 MW ultra-supercritical coal-fired power plant in China

EDF and the electricity producer China Datang Corporation (CDT) have signed an agreement whereby EDF will hold a 49% stake in Datang International Fuzhou Power Generation Company Ltd (FPC). The joint-venture is set to build and operate an ultra-supercritical coal-fired power plant with two units with an output of 1,000 MW each. Construction works have just started on the Fuzhou site in Jiangxi province in South-Eastern China.

Commissioning of the Fuzhou plant is scheduled for 2016. It will be the first ultra-supercritical coal-fired power plant to be operated by EDF. This technology guarantees a very high efficiency levels (43% vs 35% in the case of a conventional coal power plant) as well as a significantly lower environmental impact: 800g/kWh of carbon dioxide emissions and 100 mg/Nm³ of nitrogen oxide (NO_x) and sulfur oxide (SO_x) emissions rather than respectively 900 g/kWh of CO₂ and 720 mg/Nm³ of NO_x and 1300 mg/Nm³ of SO_x in the case of a conventional coal power plant not equipped with smokes treatment.

China produces 75% of its electricity from coal-fired power stations and is at the leading edge of this advanced technology, which is vital if the country's energy needs are to be met while limiting environmental impact by reducing emissions. This agreement offers EDF the opportunity to be deeply involved in the industrial process of constructing and operating the future power plant. The Group will thus be able to enhance its engineering and thermal plant operating expertise and to establish new industrial synergies with world leaders in the thermal power field, such as Guangdong Engineering and Design Institute (GEDI), the plant's designers, or Dongfang, the turbine suppliers.

This holding marks a new stage in the collaboration between EDF and Datang, which began in 2006, and already enabled both companies to become co-operators of the supercritical coal-fired plant, Datang Sanmenxia Power Phase II (DSPC), back in 2009.

Henri Proglio, EDF's Chairman and CEO said : *"EDF is delighted to be able to work alongside Datang, a major player in China's electricity sector, in constructing the latest generation of thermal power plant, equipped with innovative technology and high environmental performance standards. EDF regards its involvement in this project as an opportunity to extend its expertise"*.

EDF Group, one of the leaders in the European energy market, is an integrated energy company active in all areas of the business: generation, transmission, distribution, energy supply and trading. The Group is the leading electricity producer in Europe. In France, it has mainly nuclear and hydropower generation facilities where 95.9% of the electricity output is CO₂-free. EDF's transmission and distribution subsidiaries in France operate 1,285,000 km of low and medium voltage overhead and underground electricity lines and around 100,000 km of high and very high voltage networks. The Group is involved in supplying energy and services to approximately 28.5 million customers in France. The Group generated consolidated sales of €75.6 billion in 2013, of which 46.8% outside of France. EDF is listed on the Paris Stock Exchange and is a member of the CAC 40 index.

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