EDF ENERGY HOLDINGS LIMITED

Registered Number 06930266

ANNUAL REPORT AND FINANCIAL STATEMENTS

31 DECEMBER 2016

CONTENTS

Page:

2	Strategic report
13	Directors' report
16	Directors' responsibilities statement
17	Independent Auditor's report to the Members of EDF Energy Holdings Limited
19	Consolidated income statement
20	Consolidated statement of comprehensive income
21	Consolidated balance sheet
23	Consolidated cash flow statement
24	Consolidated statement of changes in equity
25	Notes to the consolidated financial statements
92	Company balance sheet
93	Company statement of changes in equity
94	Notes to the Company financial statements

Directors

Jean-Bernard Lévy (Chairman)
Vincent de Rivaz
Robert Guyler
Marianne Laigneau
Henri Lafontaine
Pierre Todorov
Xavier Girre
Veronique Lacour

Company Secretary

Guido Santi

Auditor

Deloitte LLP
2 New Street Square
London
EC4A 3BZ

Registered Office

40 Grosvenor Place
Victoria
London
SW1X 7EN

STRATEGIC REPORT

Principal activities

The principal activities of EDF Energy Holdings Limited (the "Company") and subsidiaries (together the "Group" or "EDF Energy") during the year continued to be the provision and supply of electricity and gas to commercial, residential and industrial customers, and the generation of electricity through a portfolio of generation assets including nuclear, coal, gas and renewable generation. The Group is also involved in the construction of nuclear new build assets.

Long-term strategy

The vision for EDF Energy in 2030 starts with customers and their needs. Its strategy, which aims at ensuring a sustainable long-term business, is focused on supporting the transition to a lower-carbon economy through generation of safe, reliable and affordable low-carbon electricity. Equally, EDF Energy seeks to meet customers' needs in an efficient, simple and responsible way, enabling customers to control their energy usage. All of these actions are underpinned by a focus on improving cost efficiency across the business.

In its customer-facing business, EDF Energy aims to be the energy partner of choice for residential and business customers, doing things better, faster and cheaper, and making energy easy for customers by applying digital technologies and innovation. It helps customers to make the most of their energy consumption and production and of their increasingly connected, smart homes (and similarly connected public buildings, communities and cities), whilst providing excellent service and convenience. Through its energy services joint venture with Dalkia, EDF Energy aims to help businesses explore and develop solutions that deliver energy, carbon and cost savings. In response to the major transformations within the energy industry, it has also launched Blue Lab, which applies the benefits of a start-up to help accelerate innovation for customers.

In generation, EDF Energy seeks to create value through continued operational excellence of existing assets and by developing a portfolio of new investments. This includes leading the revival of nuclear new build in the UK. In partnership with China General Nuclear Corporation (CGN), EDF confirmed in July 2016 a final investment decision to proceed with construction of two new nuclear units (3.2GW capacity in total) at Hinkley Point in Somerset, based on the European Pressurised Reactor (EPR) technology. EDF Energy is also working with CGN to progress a similar 3.2GW EPR project at Sizewell in Suffolk (where a second stage of public consultation took place between November 2016 and February 2017) and to develop proposals for a new nuclear station based on CGN's UK HPR1000 technology at Bradwell in Essex. Through EDF Energy Renewables (a joint venture with EDF Énergies Nouvelles) EDF Energy is also continuing to develop new renewable generation (mainly onshore wind) projects and is exploring options for flexibility assets including the development of a new 49MW battery storage project at West Burton B, which will provide frequency response services to the National Grid. EDF Energy aims to secure value from its existing nuclear, coal and gas assets through continued safe and reliable generation. One of the key strategic programmes involves extending the lifetime of existing nuclear plant, when safe and commercially viable, to allow the UK to continue to benefit from nuclear energy until new low-carbon capacity can come online at scale. This will also provide ongoing nuclear employment opportunities and support the maintenance of skills in the UK nuclear industry. EDF Energy now has confirmed life extension plans in place for all of its Advanced Gas-Cooled Reactor (AGR) fleet - with an average life extension of 8 years since 2009. Other important strategic actions concerning EDF Energy's generation fleet include optimising the lifetime value of coal generation capacity under the UK mechanism aimed at securing a certain capacity level, and optimising the operations of the West Burton B Combined Cycle Gas Turbine (CCGT) power station.

EDF Energy is organised into three main business units: Generation, Customers, and Nuclear New Build.

Key performance indicators

In 2016, we continued to measure progress against our key ambitions. Our key company ambitions and related measures for 2016 were:

- **Zero Harm** - Measured through the total recordable incident rate "TRIR" (the number of fatalities, lost time incidents, medical treatments and restricted work injuries per 1,000,000 hours worked) – covers both employees and contractors. Each incident is equally weighted – thus the total result is the sum of all TRIR incidents in the year (per 1,000,000 hours worked in the year).

STRATEGIC REPORT continued

- **Best and Most Trusted for Customers** – Measured through our Trust Index – a combination of five measures covering customer survey, complaints monitoring and service levels across our Residential, SME and I&C businesses. Each measure is given a minimum, a target and a maximum performance level (equated to 50, 100 and 150 respectively) and the final trust index score is an average of the performances of each measure (and so also has a target of 100).
- **People to be a Force for Good -** Measured through results of our annual employee engagement survey from a subset of 12 questions called the "High Performance Index" (HPI). The questions used relate to topics on which high performing companies are differentiated from others and for which comparative norm data exists**.** The responses against each of the 12 questions are then averaged to produce a total % result.
- **Safe, Secure and Responsible Nuclear Electricity –** Measured though Nuclear Generation Target Achievements – Nuclear Output and performance levels of the Plants. Note both the TRIR and HPI measures cover our nuclear and coal, gas and renewable business areas. Both of the measures are given a minimum, a target and a maximum performance level (equated to 50, 100 and 150 respectively) and the final index score is a weighted average of the performances of the two measures (and so also has a target of 100).
- **Power Society Without Costing the Earth** – Measured through Nuclear New Build target achievements - this includes Hinkley Point C Budget and Milestone Achievements - actions relating to progress on procurement, engineering, construction, project control and consultations for our new build project. Both of the measures are given a minimum, a target and a maximum performance level (equated to 50, 100 and 150 respectively) and the final index score is a weighted average of the performances of the two measures (and so also has a target of 100).
- **Strong Financial and Ethical Performance** - Measured through (a) Profit before depreciation, amortisation, tax and finance costs (b) net cash from operating activities.

The results for 2016 and 2015 were:

Ambition	**Measure**	**2016**	**2015**
Zero Harm	TRIR (per 1,000,000hrs)	0.68	0.68
Best and Most Trusted for Customers	Trust Index	91	88
People to be a Force for Good	High Performing Index (%)	67	67
Safe, Secure and Responsible Nuclear Electricity (*)	Nuclear Generation Target Achievements (Index)	138	150
Power Society Without Costing the Earth (*)	Nuclear New Build Target Achievements (Index)	116	119
Strong Financial and Ethical Performance	Profit before depreciation, amortisation, tax and finance costs (£m)	1,399	1,624
	Net cash from operating activities (£m)	1,443	2,053

(*) This ambition is measured as an index of several measures. Achievement of the target level in each measure would result in a score of 100. The 2016 scores indicate that, on average, the performance during the year was better than target for both Nuclear New Build and Nuclear Generation.

Results

The profit for the year before taxation amounted to £305m (2015: loss of £296m). The profit for the year after taxation was £293m (2015: loss of £154m). Dividends of £242m were paid to the parent company, EDF Energy (UK) Limited during the year (2015: £189m).

The consolidated segmental statement which is required by Ofgem provides more detail around profitability of the generation and supply businesses and will be available on the Group's website.

STRATEGIC REPORT continued

Review of the business

Generation

Coal, Gas and Renewable Generation

In 2016, Cottam and West Burton A coal-fired power plants generated 2.7TWh of electricity. Although lower than last year, this represented a good performance in a year of particularly low dark spreads, in addition to two major outages. The impact of the lower dark spreads has been largely economically mitigated by income from National Grid for Balancing Mechanism activity and by favourable trading, including power buybacks at a beneficial price, as well as running in peak periods. West Burton B CCGT generated 5.3TWh, driven by improved market spark spreads and continued Balancing Mechanism activity.

In 2014, the coal plants secured a three year Capacity Market agreement starting in 2018, for seven of its eight units at the clearing price of £19.40/kW/year (2012 prices). However, since then, the steep fall in wholesale electricity prices has led to a revised level of investment meaning the units will now revert to one year agreements from 2018-19.

West Burton B CCGT and both OCGT units at West Burton A were successful in both the 2014 Capacity Market auction; awarded one-year contracts for 2018-2019 at the clearing price of £19.40/kW/year (2012 prices) and the 2015 auction, awarded 1 year contracts for 2019-2020 at the lower clearing price of £18.00/kW/year (2014/15 prices). Further, West Burton A (with the exception of Unit 3), West Burton B CCGT and both OCGT units at West Burton A were awarded 1 year contracts for 2020-21 at the clearing price of £22.50/kW/year (2015/16 prices) in the 2016 auction held in December 2016. In addition, in recognition of the difficult economic conditions, the UK government has introduced a new Capacity Market auction for a one-year contract for 2017-2018 in which all coal and CCGT units participated. An additional year ahead auction for capacity for 2017-18 was concluded on 3 February 2017, bringing the full start of the Capacity Market forward to October 2017; all of EDF Energy's nuclear, gas and coal-fired capacity secured capacity agreements at £6.95/kW.

EDF Energy operates two mid cycle gas storage facilities in Cheshire. Hole House, purchased from EDF Trading in April 2014, is fully operational with a total working gas capacity of c.18 million therms. Hill Top Farm became commercially operational in mid-January 2015 with three cavities. The remaining two cavities are being developed and are scheduled to come on line by the end of next year. Integration of these gas storage activities into a single asset commenced in 2015 and has continued through 2016.

Through EDF Energy Renewables (EDF ER), a joint venture between EDF Energy and EDF Énergies Nouvelles, EDF Energy is developing its own onshore and offshore assets. In addition, EDF Energy has signed power purchase agreements with renewable generators and supports independent developers. This ensures a balanced approach for compliance with its Renewables Obligations (RO) and the provision of renewable electricity to its customer base.

EDF ER currently operates 35 wind farm sites with a total generation capacity of 673.2MW, including two onshore windfarms, Pearie Law (19.2MW) and Corriemoillie (47.5MW) brought into operation in 2016. Two other onshore windfarms are currently in construction, Beck Burn (31MW), expected to commence operation in 2017 and Dorenell (177MW), EDF ER's largest onshore wind farm to date, expected to commence operation late 2018.

During the year, EDF ER expanded its scope of technologies and was awarded a contract by National Grid for the provision of a 49MW battery storage facility. This facility will be constructed adjacent to the West Burton coal and CCGT stations. In addition, the facility has successfully secured a 15 year Capacity Market agreement for delivery commencing October 2020 in the 2016 Capacity Market auction held in December 2016.

EDF EN Services UK Limited, a joint venture between EDF Energy and EDF Énergies Nouvelles, which commenced operations in October 2015, continues to expand and now provides operation and maintenance activities for 25 wholly and partly owned wind farms and 2 externally owned wind farms.

Nuclear Generation

EDF Energy owns and operates eight nuclear power stations in the UK (or 15 units) with a total capacity of 8.9GW. Seven of the eight nuclear power stations are Advanced Gas-Cooled Reactor (AGR) power stations and the eighth is a Pressurised Water Reactor (PWR) power station.

For 2016, the nuclear generation fleet produced 65.1TWh; that is 4.5TWh more than in 2015 (60.6TWh).

STRATEGIC REPORT continued

This is the highest output since 2003. The exceptional operational performance during the year is demonstrated by the load factor, which through revision of station capacities, takes account of the derating of Hinkley Point B and Hunterston B in 2006 in order to protect their boilers; the load factor reached 83%, which represents an increase of 10 points compared to 2009.

The 2016 increase of the nuclear output by 4.5TWh compared to 2015 is principally reflecting the recovery of generation from the boiler spine temperature limits that had constrained loads at Heysham 1 and Hartlepool over 2014 and 2015 and resulted in outages during 2015 to incorporate additional cooling measures to the boiler spines. Additional modifications were made to Heysham 1 Reactor 1 in 2016 (see below).

Planned statutory outages were also completed on Hartlepool Reactor 2, Heysham 2 Reactor 8, Hinkley Point B Reactor 3 and Sizewell B.

At the start of 2016, Heysham 1 Reactor 1 was operating on three out of four boiler quadrants (six out of eight boilers) following the discovery of a defect in a boiler spine in 2014. During 2016, modifications were carried out to isolate the affected boiler and to allow the reactor to operate on seven out of eight boilers.

The AGRs were designed with a nominal 25 year lifetime, and Sizewell B with a 40 year lifetime. However, with the aggregation of technical information, and operational and safety experience, it has been possible to revise the expected AGR lifetimes. Prior to EDF Energy ownership, the AGRs had been extended by an average of 10 years, and it has been EDF Energy's intention, where possible and economic, to seek further lifetime extensions. This may require additional investment in the plant, and requires technical, safety, and economic justifications to be made; and since it may result in increasing the nuclear liabilities, the consent of the Nuclear Decommissioning Authority (NDA).

Since British Energy was acquired by EDF, the AGRs have been extended by an average of eight years. The most recent extensions were declared in February 2016. Hartlepool and Heysham 1 were extended by a further five years, and Heysham 2 and Torness were extended by seven years.

Although the work has not yet been carried out to support the extension of Sizewell B, EDF Energy expects that it should be possible to extend it by c.20 years.

The power generated by the generation fleet is sold via the Wholesale Markets Optimisation (WMO) division within EDF Energy's customers business. Since April 2010, 20% of the output from nuclear generation is separately sold to Centrica (minority shareholder of the existing nuclear fleet) under the agreements made at the time of the Centrica transactions. The remaining 80% is sold to WMO under the same transfer price as used for the transaction with Centrica, based on published market prices, smoothed over forward electricity prices where liquidity allows.

Optimisation and hedging

The policies surrounding EDF Energy's energy purchasing and risk management activities are carried out in accordance with EDF group's policies and ensure that EDF Energy's activities are optimised and its services delivered at a competitive price while limiting its gross margin volatility.

The WMO division's purpose is to manage the wholesale market risk of EDF Energy in one place within pre-defined risk limits and control framework. It provides a unique interface with the wholesale markets, via EDF Trading. WMO also provides modelling services to the whole of EDF Energy, as well as negotiating and managing asset backed commercial structures with third parties e.g. NDA and Centrica.

Over and above its own generation, EDF Energy also sources electricity through export power supplied from power purchase agreements which are mainly with renewable and CHP generators. In 2016, EDF Energy acquired approximately 5.9TWh through this channel.

For delivery in 2016, EDF Energy's net position on the wholesale market was a sale of approximately 16.6TWh (including structured trades). In 2016, EDF Energy sold approximately 51.7TWh and bought 35.1TWh.

Coal and gas contracts (physical and financial) and CO2 emissions rights are entered into by EDF Energy to hedge the requirements of its power plants and gas consumers.

Purchases are based on coal and gas asset generation forecasts and target coal stock levels. In 2016, 29% of EDF Energy's coal deliveries were from international suppliers and sourced through EDF Trading.

STRATEGIC REPORT continued

Customers

The Customers business is responsible for the supply of gas and electricity to residential and business customers across the United Kingdom and the wholesale market optimisation of EDF Energy's generation and customer assets.

EDF Energy sells energy to two major customer segments: domestic and business customers. The size of business customers ranges from large industrial businesses to small privately owned businesses. EDF Energy adopts different risk management strategies for domestic and non-domestic customers.

Residential customers

During the year, EDF Energy supplied 13.2TWh of electricity and 28.2TWh of gas to the domestic segment. As at 31 December 2016, EDF Energy had 3.2 million electricity accounts and 2.0 million gas accounts on this segment.

Competition from small suppliers remained strong throughout 2016, although increases in wholesale prices put pressure on some, particularly those with short-term hedging strategies. In November, GB Energy Supply, a small supplier, announced it had ceased to operate, which led Ofgem to appoint Co-operative Energy as Supplier of Last Resort.

This has underlined the continuing importance of a robust hedging policy within a volatile wholesale market. In November and December some of the major suppliers, including British Gas, E.ON and SSE, announced a winter Standard Variable price freeze, while EDF Energy announced a price freeze for variable electricity prices until 1st March 2017, to be followed by an 8.4% increase in the electricity price and a 5.2% decrease to variable gas prices, to come into effect on 6 January 2017. With these moves by major suppliers, and increases in small suppliers' variable tariffs, the gap between major and small suppliers has narrowed towards the end of the year. Small suppliers' market share has continued to increase, reaching c.15.8% by the end of October 2016 (the latest data available), compared to 15.4% at the end of July 2016.

On 24 June 2016, the Competition and Markets Authority (CMA) concluded its two-year investigation into the "supply and acquisition of energy in Great Britain" by publishing its final report. The CMA proposed over 30 remedies to improve the functioning of the market across various areas, including measures aimed directly at customers, proposals to improve the wholesale electricity market, and those that will address the regulatory governance framework. EDF Energy agrees with the overall direction of the demanding and fair remedies, and believes that they provide a firm basis for an improved market for both domestic and business customers.

Following the EU referendum, the UK government's Department for Business, Energy and Industrial Strategy (BEIS) has reinforced its commitment to delivering smart meters to domestic and business customers by 2020. In 2016, EDF Energy installed over 130,000 smart meters for its customers, the majority being installed by its in-house field force. It is also working with its contracted outsourced field force providers to support the required ramp up in their installation rates. Although the national IT and communications infrastructure (the DCC) has been further delayed, EDF Energy has made significant progress in its own associated system changes, including the required interfaces to the DCC and preparations for implementation of further functionality in Q4 2016.

In the Citizen's Advice Complaints (domestic) League Table, EDF Energy remained in 2nd place for the third quarter of 2016 with the best score to date of 30.5 points, 5 points ahead of the company at the 3rd place (gas and electricity). Customer Services telephony Average Speed of Answer (ASA) is 2 min 09 seconds for domestic customers. In the fourth quarter service level performance was high in other contact channels, c87% of emails were responded to in 6 hours and 95% of live chats started within 1 minute with Customer Self-Serve currently hitting 63%. Our customers remain enthusiastic about the service they are receiving – Advisor Recommendation Scores increased in the fourth quarter, to a 6-month rolling average of +56.

Business customers

In 2016, the non-domestic segment supplied a total of 33.1TWh of electricity; 2.0TWh to 183,383 Small and Medium Enterprise ("SME") accounts and 31.1TWh to 103,926 Industrial and Commercial ("I&C") accounts. The business customer electricity market in the UK is c.183TWH in total, making EDF Energy the largest supplier to business customers. Almost half of the business electricity market is serviced by just three main players.

STRATEGIC REPORT continued

In 2016, large business renewal rates were higher than anticipated. Key customers signed in 2016 (for delivery in 2017 and 2018) include Nissan Motor Manufacturing (265GWh), Coca-Cola (95GWh), Urenco (320GWh) and Fujitsu (92GWh).

Medium business sales declined steadily throughout the first half of 2016 due to competition pressure on prices and products, yet showed strong signs of recovery in the third quarter, seeing a c.70% increase in quarter three versus quarter two.

In total SME had a strong acquisition performance leading to a maintained account growth since 2015 which stands small business in good stead for 2017.

Nuclear New Build

On 21 October 2015, EDF and China General Nuclear Power Corporation (CGN) signed a Strategic Investment Agreement leading to co-investment in the construction of two EPR reactors at the Hinkley Point C (HPC) in Somerset. The agreement also includes a broad partnership in the UK to develop nuclear power plants, at Sizewell C (SZC) in Suffolk and Bradwell B (BRB) in Essex.

Final contracts for HPC were signed on 29 September 2016 following the final investment decision (FID) made by EDF S.A.'s Board of Directors on 28 July 2016. HPC is owned by EDF (66.5%) and CGN (33.5%).

It marks the beginning of the new nuclear build programme in the UK. This is a milestone, which marks the end of the project's development phase following ten years of preparation and planning, from achieving the Generic Design Assessment for the EPR and the Nuclear Site Licence to the start of enabling works on site.

Safety is a key focus of the EPR design. The same EPR technology is already being deployed at the new nuclear power stations currently being constructed by EDF at Flamanville in France and at Taishan in China. Using the same technology, adapted for UK regulatory requirements and Hinkley Point C site specifics, will enable the efficiencies that come with standardisation of design in the construction and operation of a series of plants to be realised.

Hinkley Point C (HPC)

The project has moved into the build phase and the command centres are focussed on schedule and delivery. The project team is continuing development site preparation and works to prepare the construction site. This includes the construction of roundabouts and temporary construction roads to give access to the site for machinery needed for the main construction phase; remediation and enabling works for the earthworks, water management works, and the construction of office buildings and worker welfare facilities.

On-site preparatory work is continuing (operational concrete plant, offshore platform installed) to meet the requirements for the first nuclear safety concrete slab, which marks the start of construction from a regulatory point of view. At the end of 2016, there are 1,100 people working on-site.

Final contracts with key suppliers for HPC have been agreed and signed:

- Areva NP (Nuclear steam supply system, instrumentation and control);
- Alstom France (turbines) and Alstom UK (services during operations);
- Bouygues TP/Laing O'Rourke (main civil works);
- BAM Nuttal/Kier Infrastructure (earthworks).

Procurement continues on other contracts such as installation and equipment supply contracts for the main site, with preferred bidders selected for over 90 packages of work, representing approximately 90% of HPC's contract amount / spend.

Risk analysis will continue throughout the project, which is common for projects of this magnitude.

At the end of 2016, total expenditure amounted to £3.1 billion, supported at 66.5% by EDF and at 33.5% by CGN.

The HPC project company and the Department for Business, Energy & Industrial Strategy (formerly the Department of Energy and Climate Change (DECC)) agreed, on October 2015, on the full terms of the CfD for HPC, which was approved by the European Commission in October 2014, in the rules on State aid.

STRATEGIC REPORT continued

The CfD was signed on 29 September 2016 and it is a contract to provide security in respect of revenues generated from electricity produced and sold by HPC through compensation based on the difference between the Strike Price and the market price, for a period of 35 years from commissioning.

From the plant's start date, if the reference price at which the generator, sells electricity on the market is lower than the strike price set under the terms of the contract, the generator will receive an additional payment. If the reference price is higher than the strike price, the generator will be liable for the difference. The key elements of the CfD are:

- the strike price for HPC is set at £2012 92.50/MWh or £2012 89.50/MWh if the SZC project is launched (i.e. if a final investment decision is taken), in order to reflect the fact that the first of a kind costs of EPR reactors are shared across the HPC and SZC sites;
- the strike price is fully indexed to UK inflation through the Consumer Price Index (CPI);
- the contract will last for 35 years;
- the project will be protected from certain qualifying changes in law.

Should there be savings from the construction of the HPC project, these will be shared with consumers through a lower strike price.

Guarantee agreements by the Infrastructure and Projects Authority (IPA) were also signed on 29 September 2016 with Her Majesty's Treasury. Under these agreements, a first tranche of up to £2 billion of guarantee is available subject to fulfilment of conditions precedent. EDF has confirmed to the British Government that it does not currently intend to avail itself the guarantee and the project will be equity financed at least in a first stage.

Contracts for the Funded Decommissioning Programme (FDP) have also been signed. Operators of new nuclear power stations are required under the Energy Act 2008 to have a FDP in place approved by the Secretary of State before nuclear safety related construction begins. The overall objective of the FDP is to ensure that operators make prudent provision for:

- the full costs of decommissioning their installations;
- their full share of the costs of safely and securely managing and disposing of their waste; and that in doing so the risk of recourse to public funds is remote.

Following the final investment decision and the re-staffing of the teams on the project, a full review of the costs and schedule is in progress, in accordance with the project company's rules of governance. At this stage, no material adverse impact has been identified on the project total cost or completion date. The first nuclear safety concrete of the reactor building of Unit 1 is scheduled for 2019. The commissioning of HPC first unit is scheduled for the end of 2025.

Sizewell C

The SZC Project equity documents were signed on 29 September 2016 alongside the HPC contracts. EDF and CGN signed the main terms of an agreement in principle to develop Sizewell C in Suffolk, until a final investment decision with the project to build and operate two EPR reactors. EDF will participate in the development phase at 80% and CGN at 20%.

In compliance with the planning process, the second phase of formal consultation with local stakeholders started in November 2016.

Bradwell B

Finally, on 29 September 2016 EDF and CGN signed an agreement for the joint submission to the British safety authority for a design certification (Generic Design Assessment) for a British version of the HPR1000 third-generation Hualong reactor. The HPR1000 will be based on Unit 3 of the CGN plant in Fangchenggang, China, which is the reference power plant for both companies developing the British design of Hualong.

Under the terms of the agreement, a joint venture will be in charge of the process of obtaining the certification. This agreement aims to expand Bradwell B in Essex, until a final investment decision is made, to build and operate the British Hualong reactor technology approved by the British regulator in accordance with the safety certification process. During the development phase, CGN will have a stake of 66.5% and EDF of 33.5%.

STRATEGIC REPORT continued

The EDF Group and its partner are committed to financing the development of Sizewell and Bradwell in the amount of £1.1 billion, and a final investment decision on the construction is expected to be taken at a later date.

Regulatory environment

Electricity Market Reform (EMR)

The three most significant elements of EMR are the carbon price floor, introduced under the Finance Act 2011, the Capacity Market and Contracts for Difference, introduced under the Energy Act 2013.

The carbon price floor, which sets the price that fossil-fired generators pay for their carbon emissions is an important driver of the profitability of low carbon generation such as EDF Energy's nuclear and renewable plants. The "carbon price support rate" that underpins the carbon price floor was capped in the Budget 2014 on 19 March 2014 at £18/tonne of CO2 for the four years, April 2016 to April 2020; in the budget 2016 on 16 March 2016, the £18/tonne cap was extended and uprated with inflation, to April 2021.

The Capacity Market is intended to ensure security of electricity supply. Annual auctions are held to procure capacity four years ahead of delivery with a subsequent auction one year ahead of delivery.
Delivery years run from 1 October - 30 September. Three four year ahead auctions have been held; the most recent auction was held in December 2016, procuring 52.4GW of derated capacity at £22.50/kW/year for 2020/21. All of EDF Energy's nuclear and gas-fired generating units have secured agreements in the four year ahead auctions for the three years 2018/19, 2019/20 and 2020/21. An additional year ahead auction for the supply of capacities for the October 2017-September 2018 period was finalised on 3 February 2017, bringing forward the full start of the Capacity Market to October 2017. All EDF Energy's nuclear, gas and coal fired capacity secured each a capacity agreement at £6.95/kW.
The four coal-fired units at Cottam and three of the four coal-fired units at West Burton A were awarded capacity agreements in the December 2014 auction for the three year period October 2018-September 2021, but these agreements were subsequently reduced to one year agreements for October 2018-September 2019.

Contracts for Difference are expected to support investment in new low carbon generation including in particular the Hinkley Point C nuclear project. EDF Energy has subsequently acquired Dorenell Wind Farm, a 177MW onshore windfarm development, which was awarded a CfD with a strike price of £2012 82.50/MWh) in the first CfD allocation round (auction) in February 2015. The Government has said that it will hold up to three further CfD auctions by 2020, and has announced details of the first of these auctions to be held in mid-2017 to support further development of offshore wind, conditional on the achievement of cost reductions.

Principal risks and uncertainties

The following is a discussion of the key risks facing the Group together with a summary of the Group's approach to managing those risks.

Financial risks

The Group is exposed to a variety of financial risks including commodity price risk, interest rate risk, credit risk, foreign currency risk and liquidity risk. The Group's policy is to use financial instruments to reduce exposure to fluctuations in commodity prices, exchange rates and interest rates. The Group does not enter into or trade financial instruments, including derivatives, for speculative purposes. See note 41 for further details about the financial risks to which the Group is exposed.

Margin risk

Margin price risk arises from the necessity to forecast customer demand for gas and electricity effectively and to procure the various commodities at a price competitive enough to allow a favourable tariff proposition for our customers. EDF Energy has designed hedging strategies to manage this risk effectively. Exposure to movements in the price of electricity, gas and coal is partially mitigated by entering into contracts on the forward markets, and the exposure to fluctuations in the price of uranium is mitigated by entering into fixed price contracts. Risk management is monitored for the whole of EDF Energy, through sensitivity analysis; both per commodity and across commodities, in line with the Group's risk mandate.

STRATEGIC REPORT continued

Competition risk
The Group is exposed to significant competition when supplying gas and electricity to residential customers and electricity to businesses, which can impact customer recruitment, retention, supply volume and earnings. The Group manages this risk by offering a mix of fixed price and standard variable tariff products, underpinned by strong customer service and distribution channels that meet customer needs.

Plant operating risk
Failure of an essential component in any of our generation assets may result in loss of generation through plant outage or restriction to operations. EDF Energy's generating assets have been in service for a significant period and ageing is a significant factor in many areas. Significant plant component failure or failure of a critical non-replaceable plant item may affect the operating lifetime of the station. This risk is mitigated through planned maintenance activities, equipment reliability and plant life extension programmes. There is a potential that the nuclear fleet plant inspection programme findings could lead to significant unknown or unplanned risk which may bring forward early closure.

Project delivery risk
The Group has a significant investment portfolio including large capital projects such as Hinkley Point C and Smart Metering. Poor project performance may result in failure to deliver effectively the investment benefit. The ability of the Company to pursue its investment portfolio, particularly Hinkley Point C is dependent on a robust investment framework and the appropriate funding being in place. Each project of this nature follows specific project management practices including local governance procedures. All significant projects are also subject to central monitoring reviews.

Health and safety risk
The health and safety of all our employees, contractors, agency staff and the public is a key risk given the nature of the Group's business. To minimise this risk, the Group is committed to creating a culture that views safe working as the only way of working and to reviewing all our processes and procedures to ensure they deliver this. Training is provided to managers to ensure they understand their responsibility for the safety of the employees that they set to work. In addition there is a confidential helpline for the use of anyone within the organisation to help eradicate unsafe practices and safeguard our employees.

Political and regulatory risk
Political risk arises in relation to public acceptance of building new nuclear power stations, and specifically around obtaining and maintaining the relevant licences and consents to build, operate and decommission our current and planned generating assets. Management is engaged with local residents, regulators and politicians in addressing the safety needs but also the need to meet the current and future national energy demand. The industry has been subject to significant changes to the Energy and Retail Market regulation and through the strong political and media attention on the cost of living debate including focus on the affordability of energy. A dedicated programme is in place to manage the delivery of Smart Meters and we continue to liaise with BEIS to ensure the full implications of this initiative are understood.

A referendum on the UK's membership of the EU was held in June 2016, with the majority voting to exit. EDF Energy is considering what risks this could present and what mitigating actions could be taken.

Nuclear liabilities risk
The Group's nuclear liabilities are in respect of costs for the management of spent fuel, nuclear decommissioning and other uncontracted nuclear liabilities. The Government has provided an indemnity to cover liabilities for spent AGR fuel loaded prior to the British Energy restructuring effective date of 14 January 2005 and in relation to qualifying uncontracted nuclear and decommissioning liabilities. The Government will also indemnify any future funding shortfall of the NLF (nuclear liabilities fund). The Group continues to be responsible for funding certain excluded or non-qualifying nuclear liabilities (if any) and will not be compensated or indemnified by the NLF and the Secretary of State in relation to such liabilities. At 31 December 2016, the Group did not have any excluded or non-qualifying nuclear liabilities.

STRATEGIC REPORT continued

Retirement benefit obligations risk
EDF Energy has three defined benefit pension schemes. Low interest rates and changes in demographic factors have led scheme liabilities to grow at a faster rate than assets, resulting in actuarial deficits that have led to increased pension expense and cash contributions. EDF Energy and the pension scheme trustees keep investment risk under review, concentrating on prudent asset allocation and liability hedging. A pension benefit reform has been implemented effective from 1 January 2016 to reduce the actuarial deficit and the required cash costs. See note 40 for more details of pension risks.

Reputation risk
EDF Energy has based its brand on its customer commitments, its reputation and building trust. Inappropriate communication made to the public and/or to stakeholders, or failure to maintain and demonstrate appropriate standards may result in degradation of the brand. Management has introduced key standards of conduct to provide guidance to all staff when making decisions including the Trust Test and the Better Energy Test. A trust index has been developed and performance of this is monitored along with continuous review of compliance programmes.

The Fukushima accident has significantly increased the focus on safety of Nuclear Power Generation. Another serious incident at a nuclear plant would further damage the reputation of the nuclear industry. EDF Energy has fully implemented the post Fukushima recommendations of the regulator in full.

Cyber risk
Cyber security threats are increasing in magnitude, sophistication, and pace. The impact of a cyber security incident can significantly damage business operations, profit and brand. EDF Energy has invested in technology to protect itself from such threats.

Supplier risk
EDF Energy is reliant on a number of specialist suppliers, especially in the area of nuclear fuel fabrication and storage and nuclear plant maintenance. The loss of one or more of these key suppliers could result in increased costs or a disruption to EDF Energy's operations. EDF Energy works closely with its supply chain to effective manage the relationships with critical suppliers.

Taxation risk
Taxation risk is the risk that the Group suffers losses arising from additional tax charges, financial penalties or reputational damage. These risks could arise from failure to comply with procedures required by tax authorities, the interpretation of tax law, or changes in tax law. The Group has mitigated this risk by the implementation of effective, well documented and controlled processes to ensure compliance with tax disclosure and filing obligations. This is further supported by the use of appropriate advice from reputable professional firms.

Sustainability Risk
The UK Energy market is evolving with the growth of renewable and intermittent generation, distributed generation and development of new grid technologies and operating regimes at a time when number of the Group's generating assets are approaching end of life. Failure to respond and adapt effectively to these changes could adversely affect the profitability and competitiveness of EDF Energy. Therefore, the Group has established a strategy to address these risks and to benefit from the opportunities that they present.

STRATEGIC REPORT continued

Going concern

The Group manages its capital through focusing on its net debt which comprises borrowings (note 27), including finance lease obligations, accrued interest and derivative liabilities relating to debt instruments, less cash and cash equivalents. Given that the Group is a wholly-owned subsidiary, any change in capital structure is often achieved via additional borrowings from its ultimate parent company or other companies within the EDF S.A. group, although the Group has facilities available from third party bond issues.

After making enquiries and reviewing cash flow forecasts and available facilities (note 41) for at least the next 12 months, the Directors have formed a judgement, at the time of approving the consolidated financial statements, that there is a reasonable expectation that the Group has adequate resources to continue in operational existence for the foreseeable future. This judgement has been formed taking into account the principal risks and uncertainties that the Group faces and which have been outlined in more detail elsewhere in the Strategic Report. For this reason the Directors continue to adopt the going concern basis in preparing the consolidated financial statements.

On behalf of the Board

Robert Guyler
Director
19 May 2017

DIRECTORS' REPORT

The Directors present their report and financial statements for the year ended 31 December 2016.

Directors and their interests

Directors who held office during the year and to the date of the report were as follows:

Jean-Bernard Lévy (Chairman)	
Vincent de Rivaz	
Robert Guyler	
Marianne Laigneau	
Hervé Machenaud	(resigned 15 November 2016)
Pierre Todorov	
Henri Lafontaine	
Xavier Girre	(appointed 28 April 2016)
Veronique Lacour	(appointed 15 December 2016)

Robert Guyler is employed by and has a service contract with EDF Energy plc. Vincent de Rivaz is remunerated for services to the Company. The remaining Directors are employed by the ultimate parent company, Electricité de France SA ("EDF S.A.").

There are no contracts during or at the end of the financial year in which a Director of the Company has a material interest. None of the Directors who held office during or at the end of the financial year had any interests in the shares of the Company or any Group company that are required to be disclosed in accordance with the Companies Act 2006.

There were qualifying third-party indemnity provisions in place for the benefit of one or more Directors of the Company during the financial year and at the date of approval of the consolidated financial statements.

Dividends

Dividends of £242m were paid to the parent company during the year (2015: £189m).

The Group determines its dividend payout for the year based on a percentage of its non recurring income from the previous year. The dividend which is ultimately paid out of the UK takes into account the financing commitments of EDF Energy (UK) Limited, the immediate parent company, as well as the Group's dividend payment.

Political contributions

During the year, the Group made no political contributions (2015: £nil).

Future developments

Future developments of the Group are outlined in the Strategic Report.

Use of financial instruments

The use of financial instruments in the Group is outlined in the Strategic Report and in note 41.

DIRECTORS' REPORT continued

Taxation policy

The Group will continue to demonstrate a responsible and honest approach to its tax management. It has adopted a tax policy which is aligned with its stated ambitions and values. The Director of Tax is responsible for implementing the tax policy and reports frequently to the Chief Financial Officer.

Specifically the Group's tax policy includes:

- acting with integrity;
- only undertaking tax planning to ensure legitimate business activities are implemented efficiently, and not to undertake artificial schemes or arrangements;
- maintaining an open, honest and positive working relationship with HMRC; and
- where differences of view arise with regard to the interpretation and application of tax law, the Group is committed to addressing the matter in real-time and resolving the matter with HMRC in a constructive manner.

EDF Energy is a UK group and all Group profits and losses are appropriately taxed or relieved in the UK, regardless of where individual entities were originally incorporated. In addition, the Group seeks to pay the right amount of tax at the right time according to both the letter and spirit of UK tax laws.

The Group chooses to discuss significant transactions with HMRC in advance of their completion, where it feels the tax treatment is uncertain.

Employee involvement

The Group keeps its employees informed on matters affecting them. This is carried out in a number of ways, including formal and informal briefings, departmental meetings and regular reports in staff newsletters and on the Group intranet.

Equal opportunities

The Group is fully committed to ensuring that all current and potential future employees and customers are treated fairly and equally, regardless of their gender, sexuality, marital status, disability, race, colour, nationality or ethnic origin. The Group provides equal opportunities for employment, training and development, having regard to particular aptitudes and abilities. In the event of employees becoming disabled during employment, where possible, assistance and retraining is given so that they may attain positions compatible with their ability.

DIRECTORS' REPORT continued

Auditor

Each of the persons who is a Director at the date of approval of this report confirms that:

1. so far as the Director is aware, there is no relevant audit information of which the Group's auditor is unaware; and
2. the Director has taken all the steps that he / she ought to have taken as a Director in order to make himself / herself aware of any relevant audit information and to establish that the Group's auditor is aware of that information.

This confirmation is given and should be interpreted in accordance with the provisions of s418 of the Companies Act 2006.

It is noted that Deloitte LLP, as appointed by the members, are deemed to be re-appointed as the auditor to the Company for the financial year ending 31 December 2017 in accordance with the provisions of Section 487(2) of the Companies Act 2006 and that the Directors have been authorised to fix the remuneration of the auditor.

On behalf of the Board

Robert Guyler
Director
19 May 2017

DIRECTORS' RESPONSIBILITIES STATEMENT

The Directors are responsible for preparing the Annual Report and the financial statements in accordance with applicable law and regulations.

Company law requires the Directors to prepare financial statements for each financial year. Under that law the Directors have elected to prepare the Group financial statements in accordance with International Financial Reporting Standards (IFRSs) as adopted by the European Union and the parent company financial statements in accordance with United Kingdom Generally Accepted Accounting Practice (United Kingdom Accounting Standards and applicable law), including FRS 101 "Reduced Disclosure Framework". Under company law, the Directors must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the Company and of the profit or loss of the Company for that period.

In preparing the parent company financial statements, the Directors are required to:

- select suitable accounting policies and then apply them consistently;
- make judgements and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards have been followed, subject to any material departures disclosed and explained in the financial statements; and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Company will continue in business.

In preparing the Group financial statements, International Accounting Standard 1 requires that Directors:

- properly select and apply accounting policies;
- present information, including accounting policies, in a manner that provides relevant, reliable, comparable and understandable information;
- provide additional disclosures when compliance with the specific requirements in IFRSs are insufficient to enable users to understand the impact of particular transactions, other events and conditions on the entity's financial position and financial performance; and
- make an assessment of the Group's ability to continue as a going concern.

The Directors are responsible for keeping adequate accounting records that are sufficient to show and explain the Company's transactions and disclose with reasonable accuracy at any time the financial position of the Company and to enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the Company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The Directors are responsible for the maintenance and integrity of the corporate and financial information included on the Company's website. Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF EDF ENERGY HOLDINGS LIMITED

We have audited the financial statements of EDF Energy Holdings Limited for the year ended 31 December 2016 which comprise the Consolidated Income Statement, the Consolidated Statement of Comprehensive Income, the Consolidated and Company Balance Sheets, the Consolidated Cash Flow Statement, the Consolidated and Company Statements of Changes in Equity and the related notes 1 to 44 of the consolidated financial statements and 1 to 17 of the parent Company financial statements. The financial reporting framework that has been applied in the preparation of the consolidated financial statements is applicable law and International Financial Reporting Standards (IFRSs) as adopted by the European Union. The financial reporting framework that has been applied in the preparation of the parent company financial statements is applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice), including FRS 101 "Reduced Disclosure Framework".

This report is made solely to the Company's members, as a body, in accordance with Chapter 3 of Part 16 of the Companies Act 2006. Our audit work has been undertaken so that we might state to the Company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the Company and the Company's members as a body, for our audit work, for this report, or for the opinions we have formed.

Respective responsibilities of directors and auditor

As explained more fully in the Directors' Responsibilities Statement, the Directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view. Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's Ethical Standards for Auditors.

Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of: whether the accounting policies are appropriate to the Company's circumstances and have been consistently applied and adequately disclosed; the reasonableness of significant accounting estimates made by the directors; and the overall presentation of the financial statements. In addition, we read all the financial and non-financial information in the annual report to identify material inconsistencies with the audited financial statements and to identify any information that is apparently materially incorrect based on, or materially inconsistent with, the knowledge acquired by us in the course of performing the audit. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

Opinion on financial statements

In our opinion:

- the financial statements give a true and fair view of the state of the Group's and of the parent Company's affairs as at 31 December 2016 and of the Group's and the parent company's profit for the year then ended;
- the Group financial statements have been properly prepared in accordance with IFRSs as adopted by the European Union;
- the parent company financial statements have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice; and
- the financial statements have been prepared in accordance with the requirements of the Companies Act 2006.

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF EDF ENERGY HOLDINGS LIMITED continued

Opinion on other matter prescribed by the Companies Act 2006

In our opinion, based on the work undertaken in the course of the audit:

- the information given in the Strategic Report and the Directors' Report for the financial year for which the financial statements are prepared is consistent with the financial statements; and
- the Strategic Report and the Directors' Report have been prepared in accordance with applicable legal requirements.

In the light of the knowledge and understanding of the Company and its environment obtained in the course of the audit, we have not identified any material misstatements in the Strategic Report and the Directors' Report.

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters where the Companies Act 2006 requires us to report to you if, in our opinion:

- adequate accounting records have not been kept, or returns adequate for our audit have not been received from branches not visited by us; or
- the financial statements are not in agreement with the accounting records and returns; or
- certain disclosures of Directors' remuneration specified by law are not made; or
- we have not received all the information and explanations we require for our audit.

Timothy Biggs FCA (Senior Statutory Auditor)
for and on behalf of Deloitte LLP
Chartered Accountant and Statutory Auditor
London, United Kingdom
19 May 2017

CONSOLIDATED INCOME STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2016

	Note	2016 £m	2015 £m
Revenue	4	**7,588**	8,440
Fuel, energy and related purchases	6	**(4,348)**	(4,865)
Gross margin		**3,240**	3,575
Materials and contracting costs		**(210)**	(328)
Personnel expenses	8	**(764)**	(823)
Other operating expenses		**(873)**	(834)
Other operating income		**6**	34
Operating profit		**1,399**	1,624
Loss on derivative commodity contracts	5	**(53)**	(32)
Depreciation and amortisation	5	**(877)**	(929)
Impairment of non-current assets	5, *16*	**(66)**	(896)
Profit on disposal of investments	*14*	**-**	-
Restructuring costs	*11*	**(10)**	(41)
Gains arising on reform of pension benefits	*40*	**-**	112
Profit/(loss) before tax and finance costs		**393**	(162)
Investment income	9	**342**	192
Finance costs	*10*	**(437)**	(320)
Share of profit/(loss) of associates	*20*	**7**	(6)
Profit/(loss) on ordinary activities before taxation		**305**	(296)
Taxation on profit/(loss) on ordinary activities	*12*	**(12)**	142
Profit/(loss) for the year		**293**	(154)
Profit/(loss) attributable to:			
Equity holders of the parent	*37*	**186**	(306)
Non-controlling interest	*32*	**107**	152
		293	(154)

All results are derived from continuing operations in both the current and preceding year.

CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME
FOR THE YEAR ENDED 31 DECEMBER 2016

	Note	**2016 £m**	2015 £m
Profit/(loss) for the year		**293**	(154)
Items that will not be reclassified subsequently to profit or loss:			
Net actuarial gains on defined benefit pensions	*40*	**221**	25
Items that may be reclassified subsequently to profit or loss:			
Net (losses)/gains on cash flow hedges	*38*	**(423)**	184
Net gains/(losses) on available for sale assets		**1**	(2)
Total comprehensive income		**92**	53
Total comprehensive income attributable to:			
Equity holders of the Company		**(70)**	(100)
Non-controlling interest	*32*	**162**	153
		92	53

CONSOLIDATED BALANCE SHEET
AT 31 DECEMBER 2016

	Note	2016 £m	2015 £m
Non-current assets			
Goodwill	*15*	**6,675**	6,711
Intangible assets	*17*	**703**	891
Property, plant and equipment	*18*	**10,572**	9,648
Other financial assets	*19*	**360**	182
Interest in associates	*20*	**55**	46
NLF and Nuclear Liabilities receivable	*22*	**7,224**	6,339
Post-employment benefits asset	*40*	**484**	89
Derivative financial instruments	*28*	**58**	121
		26,131	24,027
Current assets			
Inventories	*23*	**2,380**	2,336
Trade and other receivables	*24*	**1,386**	1,439
Cash and cash equivalents	*25*	**1,729**	1,789
Derivative financial instruments	*28*	**125**	331
NLF and Nuclear Liabilities receivable	*22*	**262**	311
Current tax asset		**8**	-
		5,890	6,206
Total assets		**32,021**	30,233
Current liabilities			
Other liabilities	*26*	**(1,932)**	(2,165)
Borrowings	*27*	**(11)**	(511)
Derivative financial instruments	*28*	**(338)**	(234)
Short-term provisions	*29*	**(518)**	(509)
Obligations under finance lease	33	**(33)**	(30)
Current tax liability		**-**	(41)
		(2,832)	(3,490)
Non-current liabilities			
Other liabilities	*26*	**(1,006)**	(1,156)
Borrowings	*27*	**(799)**	(710)
Derivative financial instruments	*28*	**(246)**	(151)
Long-term provisions	*29*	**(7,664)**	(6,473)
Deferred tax liability	*31*	**(1,012)**	(1,114)
Obligations under finance lease	33	**(226)**	(131)
Post-employment benefits provision	*40*	**(165)**	(121)
		(11,118)	(9,856)
Total liabilities		**(13,950)**	(13,346)
Net assets		**18,071**	16,887

CONSOLIDATED BALANCE SHEET continued
AT 31 DECEMBER 2016

	Note	2016 £m	2015 £m
Equity			
Share capital	*34*	**8,382**	13,914
Share premium account	*35*	**-**	273
Capital reserve	*35*	**9**	9
Hedging reserve	*38*	**(284)**	139
Merger reserve	*36*	**(2)**	(2)
Retained earnings	*37*	**5,868**	229
Equity attributable to equity holders of the Company		**13,973**	14,562
Non-controlling interest	*32*	**4,098**	2,325
Total equity		**18,071**	16,887

The accounts of EDF Energy Holdings Limited (registered number: 06930266) on pages 19 to 102 were approved by the Board of Directors on 19 May 2017 and were signed on its behalf by:

Robert Guyler
Director

CONSOLIDATED CASH FLOW STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2016

	Notes	**2016 £m**	2015 £m
Net cash from operating activities	*39*	**1,443**	2,053
Investing activities			
Purchase of property, plant and equipment		**(1,300)**	(1,305)
Purchase of carbon and renewable obligation certificates		**(521)**	(666)
Purchase of other intangible assets		**(76)**	(121)
Proceeds from divestment of subsidiaries and joint arrangements		**763**	-
Acquisition of investment in associates		**(15)**	-
Loans to parent company		**(80)**	(80)
Decrease/(increase) in long term receivables		**-**	503
Interest received		**8**	14
Dividends received		**4**	4
Net cash used in investing activities		**(1,217)**	(1,651)
Financing activities			
Dividends paid to parent company		**(242)**	(189)
Dividends paid to non-controlling interests		**(110)**	(166)
Repayment of obligations under finance leases		**(27)**	(26)
Interest element of finance lease rental payments		**(6)**	(6)
Repayment of borrowings		**(509)**	(10)
Proceeds on share issue to parent undertakings		**195**	266
Proceeds on issue of shares to non-controlling interest		**421**	-
Interest paid		**(34)**	(47)
NLF receipts/(payments)		**23**	(9)
Net cash used in financing activities		**(289)**	(187)
Net (decrease)/increase in cash and cash equivalents		**(63)**	215
Cash and cash equivalents at 1 January		**1,789**	1,585
Effect of foreign exchange rates		**3**	(11)
Cash and cash equivalents at 31 December	*25*	**1,729**	1,789

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

	Share capital £m	Share premium £m	Capital reserve £m	Hedging reserve £m	Merger reserve £m	Retained earnings £m	Total £m	Non-controlling interest £m	Total equity £m
At 31 December 2014	**13,647**	**273**	**9**	**(45)**	**(2)**	**702**	**14,584**	**2,338**	**16,922**
Profit for the year	-	-	-	-	-	(306)	**(306)**	152	**(154)**
Other comprehensive income for the year	-	-	-	184	-	22	**206**	1	**207**
Total comprehensive income for the year	-	-	-	184	-	(284)	**(100)**	153	**53**
Equity dividends paid	-	-	-	-	-	(189)	**(189)**	(166)	**(355)**
Issue of capital	267	-	-	-	-	-	**267**	-	**267**
At 31 December 2015	**13,914**	**273**	**9**	**139**	**(2)**	**229**	**14,562**	**2,325**	**16,887**
Profit/(loss) for the year	-	-	-	-	-	186	**186**	107	**293**
Other comprehensive income for the year	-	-	-	(423)	-	167	**(256)**	55	**(201)**
Total comprehensive (loss) / income for the year	**-**	**-**	**-**	**(423)**	**-**	**353**	**(70)**	**162**	**92**
Equity dividends paid	-	-	-	-	-	(242)	**(242)**	(110)	**(352)**
Issue of capital	195	-	-	-	-	-	**195**	421	**616**
Capital reduction	(5,727)	(273)	-	-	-	6,000	**-**	-	**-**
Disposal of minority interest						(472)	**(472)**	1,300	**828**
At 31 December 2016	**8,382**	**-**	**9**	**(284)**	**(2)**	**5,868**	**13,973**	**4,098**	**18,071**

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

1. General information

EDF Energy Holdings Limited (the "Company" or the "parent company") is a private company limited by shares. It is incorporated in the United Kingdom under the Companies Act 2006 and is registered in England and Wales. The address of the Company's registered office is shown on page 1. The nature of the operations of EDF Energy Holdings Limited and its subsidiaries (the "Group") and their principal activities are set out in the Strategic and Directors' Reports on pages 2-15. These financial statements are presented in pounds sterling because that is the currency of the primary economic environment in which the Group operates.

Basis of preparation

The financial statements have been prepared in accordance with International Financial Reporting Standards adopted by the European Union and therefore the Group financial statements comply with Article 4 of the EU IAS Regulation.

These consolidated financial statements have been prepared on the historical cost basis, except for certain financial instruments that are measured at revalued amounts or fair values at the end of each reporting period as explained in the accounting policies in note 2. Historical cost is generally based on the fair value of the consideration given in exchange for goods and services.

Fair value is the price that would be received to sell an asset, or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the balance sheet date. Fair value for measurement and/or disclosure purposes in these financial statements is determined on such a basis, except for share-based payment transactions that are in scope of IFRS 2, leasing transactions in scope of IAS 17 and measurements which are similar to fair value but are not fair value such as value in use under IAS 36.

In addition, for financial reporting purposes, fair value measurements are categorised into level 1, 2 or 3 based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date.

- Level 2 inputs are inputs, other than quoted prices included within Level 1 that are observable for the asset or liability either directly or indirectly; and

- Level 3 inputs are unobservable inputs for the asset or liability.

Adoption of new and revised International Financial Reporting Standards

At the date of authorisation of these financial statements, the following Standards and Interpretations were in issue but not yet mandatory and therefore not adopted:

- IFRS 15 Revenue from Contracts with Customers
- IFRS 9 Financial Instruments

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

1. General information continued

At the date of authorisation of these financial statements, the following Standards and Interpretations were in issue but not yet adopted by the European Union:

- IFRS 16 Leases
- IFRS 14 Regulatory Deferral Accounts
- IFRIC 22 Foreign Currency Transactions and Advance Consideration
- Amendments to IFRS 10 and IAS 28: Sale or contribution of assets between an investor and its associate or joint venture.
- Amendments to IAS 12: Recognition of Deferred Tax Assets for Unrealised Losses
- Amendments to IAS 7: Disclosure Initiative
- Clarifications to IFRS 15: Revenue from Contracts with Customers
- Amendments to IFRS 2: Classification and Measurement of Share-Based Payment Transactions
- Amendments to IFRS 4:Applying IFRS 9 Financial Instruments with IFRS 4 Insurance Contracts
- Amendments to IAS 40: Transfers of Investment Property
- Annual Improvements to IFRS Standards 2014-2016 Cycle

The Group has not yet analysed in detail the impact of the above standards but, with the exception of IFRS 16, do not expect adoption of these standards to have a significant impact on the financial statements.

2. Significant accounting policies

Basis of consolidation

The consolidated financial statements incorporate the financial statements of the Company and the entities controlled by the Company made up to 31 December each year.

The financial statements of the subsidiaries are prepared for the same reporting year as the parent company and using consistent accounting policies as the Company. Control is achieved where the Company has the power to govern the financial and operating policies of an investee entity so as to obtain benefits from its activities. All intercompany balances and transactions, including unrealised profits arising from intra-group transactions, are eliminated on consolidation. The carrying value of subsidiaries includes the equity investments and long-term loans to subsidiaries.

The results of subsidiaries acquired or disposed of during the year are included in the consolidated income statement from the effective date of acquisition or up to the effective date of disposal, as appropriate. Where necessary, adjustments are made to the financial statements of subsidiaries to bring the accounting policies used into line with those used by the Group. All intra-group transactions, balances, income and expenses are eliminated on consolidation.

Non-controlling interests in the net assets of consolidated subsidiaries are identified separately from the Group's equity therein. Non-controlling interests consist of the amount of those interests at the date of the original business combination and the non-controlling interest's share of changes in equity since the date of the combination. Those interests of non-controlling shareholders that are present ownership interests entitling their holders to a proportionate share of net assets upon liquidation may initially be measured at fair value or at the non-controlling interests' proportionate share of the fair value of the acquiree's identifiable net assets. The choice of measurement at acquisition is made on an acquisition-by-acquisition basis. Other non-controlling interests are initially measured at fair value. Subsequent to acquisition, the carrying amount of non-controlling interests is the amount of those interests at initial recognition plus the non-controlling interests' share of subsequent changes in equity. Total comprehensive income is attributed to non-controlling interests even if this results in the non-controlling interests having a deficit balance

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Basis of consolidation continued

Changes in the Group's interests in subsidiaries that do not result in a loss of control are accounted for as equity transactions. The carrying amount of the Group's interests and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognised directly in equity and attributed to the owners of the Company.

When the Group ceases to control a subsidiary, the profit or loss on disposal is calculated as the difference between (i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and (ii) the previous carrying amount of the assets (including an apportionment of goodwill), less liabilities of the subsidiary and any non-controlling interests. Amounts previously recognised in other comprehensive income in relation to the subsidiary are accounted for (i.e. reclassified to profit or loss or transferred directly to retained earnings) in the same manner as would be required if the relevant assets or liabilities are disposed of.

Parent company financial statements

The Company Balance Sheet, Company Statement of Changes in Equity and related notes are presented in the Annual Report on pages 92 to 102 under FRS 101. No income statement is presented for EDF Energy Holdings Limited in accordance with the exemptions allowed by the Companies Act 2006.

Going concern

The Group manages its capital through focusing on its net debt which comprises borrowings (note 27) including finance lease obligations and accrued interest, cash and cash equivalents and derivative liabilities relating to debt instruments. Given that the Group is a wholly-owned subsidiary, any changes in capital structure are often achieved via additional borrowings from its ultimate parent company or other companies within the EDF S.A. group, although the Group has facilities available for third party bond issues.

After making enquiries and reviewing cash flow forecasts and available facilities (note 41) for at least the next 12 months, the Directors have formed a judgement, at the time of approving the consolidated financial statements, that there is a reasonable expectation that the Group has adequate resources to continue in operational existence for the foreseeable future. This judgement has been formed taking into account the principal risks and uncertainties that the Group faces and which have been outlined in more detail in the Strategic Report. For this reason the Directors continue to adopt the going concern basis in preparing the consolidated financial statements.

Business combinations

Acquisitions of subsidiaries and businesses, other than those occurring under common control, are accounted for using the acquisition method. The consideration for each acquisition is measured at the aggregate of the fair values (at the date of exchange) of assets given, liabilities incurred or assumed, and equity instruments issued by the Group in exchange for control of the acquiree. Acquisition-related costs are recognised in profit or loss as incurred.

Goodwill arising on acquisition is recognised as an asset and is measured as the excess of the consideration transferred over the Group's interest in the net fair value of the identifiable assets, liabilities and contingent liabilities. If, after reassessment, the Group's interest in the net fair value of the acquiree's identifiable assets, liabilities and contingent liabilities exceeds the cost of the business combination, the excess is recognised immediately in the income statement. As part of the acquisition accounting exercise, contracts are identified which represent an asset to the Group (i.e. contract is in the money on acquisition date) or a liability to the group (i.e. contract is out of the money at acquisition date). A contract asset or liability is calculated as the fair value of the contract on the acquisition date and these are credited/charged to the income statement as the contract matures. Contract assets are recognised within intangible assets on the balance sheet and liabilities are included within provisions.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Goodwill

Goodwill is initially recognised as an asset at cost and is subsequently measured at cost less any accumulated impairment losses.

Goodwill is reviewed for impairment annually or more frequently if events or changes in circumstances indicate that the carrying value may be impaired. For the purpose of impairment testing, goodwill is allocated to each of the Group's cash-generating units or to a group of cash generating units, and these are tested for impairment annually or more frequently when there is an indication that the unit may be impaired. If the recoverable amount of the cash-generating unit, or group of units, is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then to the other assets of the unit pro-rata on the basis of the carrying amount of each asset in the unit. Any impairment loss is recognised immediately in the income statement and is not reversed in a subsequent period.

Contingent consideration

The Group has contingent consideration being the Contingent Value Rights notes ("CVR") which were issued to Barclays Bank plc who in turn issued Nuclear Power Notes to subscribing shareholders of EDF Energy Nuclear Generation Group Ltd. The resultant liability is measured at fair value, with any resulting gain or loss recognised against the goodwill which arose on the Nuclear Generation acquisition. The contingent consideration is valued based on the market price of the outstanding notes and will mature in 2019.

Investments in associates

An associate is an entity over which the Group is in a position to exercise significant influence, but not control or jointly control, through participation in the financial and operating policy decisions of the investee. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control over those policies.

The results and assets and liabilities of associates are incorporated in these financial statements using the equity method of accounting. Investments in associates are carried in the balance sheet at cost plus post-acquisition changes in the Group's share of net assets of the associate less any impairment in the value of individual investments. Losses of the associates in excess of the Group's interest in those associates are not recognised, only to the extent that the Group has not incurred legal or constructive obligations, or made payments on behalf of the associate.

Any excess of the cost of acquisition over the Group's share of the fair values of the identifiable net assets of the associate at the date of acquisition is recognised as goodwill. Any deficiency of the cost of acquisition below the Group's share of the fair value of the net identifiable assets of the associate at the date of acquisition (i.e. discount on acquisition) is credited in the income statement in the period of acquisition.

Where a Group company transacts with an associate of the Group, profits and losses are eliminated to the extent of the Group's interest in the relevant associate. Losses may provide evidence of an impairment of the asset transferred in which case appropriate provision is made for impairment.

Interest in joint operations

The Group's interests in its joint operations are accounted for by recognising a proportionate share of the joint operation's assets, liabilities, income and expenses with similar items in the consolidated financial statements on a line-by-line basis.

Where the Group transacts with its jointly-controlled entities, unrealised profits and losses are eliminated to the extent of the Group's interest in the joint operation.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Foreign currency translation

The functional and presentational currency of the Group is pounds sterling. Transactions in foreign currency are initially recorded in the functional currency at the rate of exchange prevailing on the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency rate of exchange ruling at the balance sheet date. All differences are taken to the income statement.

In order to hedge its exposure to certain foreign exchange risks, the Group enters into forward contracts to mitigate the risks. (See below for details of the Group's accounting policies in respect of such derivative financial instruments).

Revenue recognition

Revenue is recognised to the extent that it is probable that the economic benefits will flow to the Group and the revenue can be reliably measured. Revenue includes amounts receivable for goods and services provided in the normal course of business, net of trade discounts, VAT and other sales-related taxes.

Energy Supply: Revenue is recognised on the basis of electricity and gas supplied during the year and is attributable to the supply of electricity and gas and meter reading and related services. This includes an estimate of the sales value of units and therms supplied to customers between the date of the last meter reading and the year end, and the invoice value of other goods sold and services provided. Any unbilled revenue is included in trade receivables, net of provision, to the extent that it is considered recoverable, based on historical data.

Interest income: Interest income is recognised as the interest accrues (using the effective interest method that is the rate that exactly discounts estimated future cash receipts through the expected life of the financial instrument) to the net carrying amount of the financial asset.

Property, plant and equipment

Property, plant and equipment are stated at cost less accumulated depreciation and any impairment in value. Borrowing costs incurred relating to the construction or purchase of fixed assets are capitalised as below. Depreciation is calculated on a straight-line basis, less any residual value, over the estimated useful life of the asset and charged to income as follows:

Non-nuclear generation assets	–	Up to 40 years
AGR power stations	–	5 to 14 years
PWR power station	–	26 years
Overhaul of generation assets	–	4 years
Freehold land	–	Not depreciated
Other buildings		
-freehold	–	Up to 40 years
-leasehold	–	Lower of lease period or 40 years
Vehicles and mobile plant	–	5 to 10 years
Fixtures and equipment	–	3 to 8 years
Other plant and equipment	–	18 months to 5 years

Assets held under finance leases are depreciated over their expected useful lives on the same basis as owned assets or, where shorter, over the term of the relevant lease.

Assets in the course of construction are carried at cost, less any recognised impairment loss. Depreciation of these assets, on the same basis as other assets, commences when the assets are ready for their intended use.

Expenditure on major inspection and overhauls of production plant is capitalised, within other plant and equipment, when it meets the asset recognition criteria and is depreciated over the period until the next outage. For AGR power stations, this depreciation period is two to three years, for the PWR power station it is 18 months.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Intangible assets

Brand

The brand is considered to have an indefinite useful economic life and hence is not amortised. It is tested annually for impairment (or more frequently as required) with an impairment recognised in the income statement in the year it arises.

IT software

IT software is initially recognised at cost and is amortised on a straight-line basis over a useful economic life of 3-8 years.

Impairment of tangible and intangible assets excluding goodwill

At each balance sheet date, the Group reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated to determine the extent of the impairment loss, if any. Where the asset does not generate cash flows that are independent from other assets, the Group estimates the recoverable amount of the cash-generating unit to which the asset belongs. An intangible asset with an indefinite useful life is tested for impairment at least annually and whenever there is an indication that the asset may be impaired.

Recoverable amount is the higher of the fair value less costs to sell and the value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or cash-generating unit) is reduced to its recoverable amount. An impairment loss is recognised immediately in income statement.

Where an impairment loss subsequently reverses, the carrying amount of the asset (or cash-generating unit) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or cash-generating unit) in prior years. A reversal of an impairment loss is recognised immediately in income statement.

Non-current assets and disposal groups classified as held for sale

Non-current assets and disposal groups classified as held for sale are measured at the lower of carrying amount and fair value less costs to sell.

Non-current assets and disposal groups are classified as held for sale if their carrying amount will be recovered through a sale transaction rather than continuing use. This condition is regarded as met only when the sale is highly probable and the asset or disposal group is available for immediate sale in its present condition. The Group must be committed to the sale which should be expected to qualify for recognition as a completed sale within one year from the date of classification.

Inventories

Inventories are valued at the lower of cost and net realisable value. Cost includes all costs incurred in bringing each product to its present location and condition. The cost of raw materials, consumables and goods for resale is calculated using the weighted average cost basis. Work-in-progress and finished goods are valued using the cost of direct materials and labour plus attributable overheads based on a normal level of activity. Net realisable value represents the estimated selling price less any further costs expected to be incurred in completion and disposal.

Provisions are made for obsolete, slow-moving or defective items where appropriate.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets are added to the cost of those assets until such time that the assets are substantially ready for their intended use. Qualifying assets are assets which take a substantial period of time to get ready for their intended use or sale.

In instances where the Group borrows funds specifically for the purpose of obtaining a qualifying asset, the borrowing costs incurred are the borrowing costs that are capitalised. In instances where the Group borrows funds generally and uses them for the purpose of obtaining a qualifying asset, a capitalisation rate is applied based on the weighted average cost of general borrowings during the period.

All other borrowing costs are recognised in the income statement in the period in which they are incurred.

Fuel costs – nuclear front-end

Advanced Gas-cooled Reactors ("AGR")

Front-end fuel costs consist of the costs of procurement of uranium, conversion and enrichment services and fuel element fabrication. Fabrication costs comprise fixed and variable elements. All costs are capitalised into inventory and charged to the consolidated income statement in proportion to the amount of fuel burnt.

Pressurised Water Reactor ("PWR")

All front-end fuel costs are variable and are capitalised into inventory and subsequently charged to the consolidated income statement in proportion to the amount of fuel burnt.

Fuel costs – nuclear back end

AGR

Spent fuel extracted from the reactors is sent for reprocessing and/or long-term storage and eventual disposal of resulting waste products. Back-end fuel costs comprise:

(a) a cost per tonne of uranium payable on loading of fuel into any one of the AGR reactors; and
(b) a rebate/surcharge against the cost mentioned in (a) above that is dependent on the out-turn market electricity price in the year and the amount of electricity generated from AGR stations in the year.

The loading related cost and the rebate/surcharge is capitalised into inventory and charged to the consolidated income statement in proportion to the amount of fuel burnt.

PWR

Back-end fuel costs are based on wet storage in station ponds followed by dry storage and subsequent direct disposal of fuel. Back-end fuel costs comprise a cost per tonne of uranium, payable on loading of fuel to the PWR reactor. Back-end fuel costs are capitalised into inventory on loading and charged to the consolidated income statement in proportion to the amount of fuel burnt.

Unburnt fuel at shutdown

Due to the nature of the nuclear fuel process there will be some unburnt fuel in the reactors at station closure. The costs of this unburnt fuel (final core) are fully provided at the balance sheet date. The provision is based on a projected value per tonne of fuel remaining at closure, discounted back to the balance sheet date and recorded as a long-term liability using a pre tax discount rate. The unwinding of the discount each year is charged to finance costs in the income statement. Any adjustment to the provision is recorded through property, plant and equipment and depreciated over the remaining station life.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Nuclear Liabilities Fund ("NLF") funding arrangements

Under the arrangements in place with the Secretary of State at the Restructuring Effective Date ("RED"), the NLF will fund, subject to certain exceptions, the Group's qualifying uncontracted nuclear liabilities and qualifying decommissioning costs. To the extent there is any surplus remaining in the NLF after all obligations have been discharged, this amount will be paid to the Secretary of State. The Group is responsible for funding certain excluded or disqualified liabilities and will, in certain circumstances, be required to compensate or indemnify the NLF and the Secretary of State in relation to such liabilities.

The Group makes fixed decommissioning obligations payable to the NLF which have been recorded as a liability on the consolidated balance sheet at their discounted value and disclosed as the NLF liability. The NLF liability is reduced as payments are made to the NLF. Each year the financing charges in the consolidated income statement include the unwinding of the discount of NLF liabilities required to discharge one year's discount from the liability.

PWR fuel loaded after RED will increase the qualifying nuclear liability recognised for back end PWR fuel costs and will increase the NLF receivable by a corresponding amount. The difference between the payment of £150,000 (indexed to RPI) per tonne made to the NLF on the loading of PWR fuel and the increase in the liability recognised upon loading of this fuel is recognised in back end fuel costs as the loaded tonnes are burned in the PWR reactor.

NLF and nuclear liabilities receivables

The Government indemnity is provided to indemnify any future shortfall on NLF funding of qualifying uncontracted nuclear liabilities (including PWR back end fuel services) and qualifying nuclear decommissioning costs.

In principle, the recognised NLF receivable represents the aggregate value of the Nuclear Liabilities Fund and the Government indemnity such that the receivable equals the present value of the associated qualifying nuclear liabilities. The nature of the process, whereby the Company claims back from the NLF for qualifying liabilities, can cause small timing differences between the receivable and the nuclear liabilities at the balance sheet date.

The Government indemnity is also provided to cover services for spent AGR fuel loaded pre RED. The nuclear liabilities receivable is recognised in respect of the indemnity such that the receivable equals the present value of the associated qualifying nuclear liabilities.

The NLF receivable and the nuclear liabilities receivable are stated in the balance sheet at current price levels, discounted to take account of the timing of payments. Each period the financing charges in the income statement include the revalorisation of these receivables required to match the revalorisation of the nuclear liabilities.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Nuclear liabilities

Nuclear liabilities represent provision for the Group's liabilities in respect of the costs of waste management of spent fuel and nuclear decommissioning. The provisions represent the Directors' best estimates of the costs expected to be incurred. They are calculated based on the latest technical evaluation of the processes and methods likely to be used in decommissioning, and reflect current engineering knowledge. The provisions are based on such commercial agreements as are currently in place, and reflect the Directors' understanding of the current Government policy and regulatory framework. Given that Government policy and the regulatory framework on which the Group's assumptions have been based is expected to develop and that the Directors' plans will be influenced by improvements in technology and experience gained from decommissioning activities, liabilities and the resulting provisions are likely to be adjusted.

In recognising the costs of generating electricity, accruals are made in respect of the following:

Back end fuel costs

The treatment of back end fuel costs in the consolidated income statement has been dealt with under the accounting policies for fuel costs above. Back end nuclear liabilities cover reprocessing and storage of spent nuclear fuel and the long-term storage, treatment and eventual disposal of nuclear waste. They are based, as appropriate, on contractual arrangements or the latest technical assessments of the processes and methods likely to be used to deal with these obligations under the current regulatory regime. Where accruals are based on contractual arrangements they are included within creditors. Other accruals are based on long-term cost forecasts which are reviewed regularly and adjusted where necessary, and are included within provisions.

Decommissioning of nuclear power stations

The financial statements include provision for the full cost of decommissioning the Company's nuclear power stations. Provision is made on the basis of the latest technical assessments of the processes and methods likely to be used for decommissioning under the current regulatory regime.

Accruals and provisions for back end fuel costs and decommissioning are stated in the balance sheet at current price levels, discounted at a long-term real rate of interest of 3% per annum to take account of the timing of payments. The financing charges in the income statement include the revaluation of liabilities required to discharge one year's discount from provisions made in prior years and restate these provisions to current price levels.

Provisions

Provisions are recognised when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. If the effect of the time value of money is material, provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and, where appropriate, the risks specific to the liability.

EU Emissions trading scheme and Renewable Obligations Certificates

Purchased emissions allowances are initially recognised at cost (purchase price) within intangible assets. A liability is recognised when the level of emissions exceeds the level of allowances granted. The liability is measured at the cost of purchased allowances up to the level of purchased allowances held, and then at the market price of allowances ruling at the balance sheet date. Movements are recognised within operating profit. Forward contracts for the purchase or sale of emissions allowances are measured at fair value with gains and losses arising from changes in fair value recognised in the income statement or hedging reserve depending on whether cash flow hedging is applied.

The Group is obliged to sell a specific fraction of electricity sales volume to its customers from renewable sources. This is achieved via generation from renewable sources or through purchase of Renewable Obligation Certificates ("ROCs"). Any purchased certificates are recognised at cost and included within intangible assets.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

EU Emissions trading scheme and Renewable Obligations Certificates continued

Any ROCs obtained directly through renewable generation are carried at nil cost but reduce the Group's outstanding obligations to supply certificates. The Group recognises a provision for its obligation to supply certificates, based on the energy it supplies to customers. The intangible assets are surrendered, and the provision is released at the end of the compliance period reflecting the consumption of economic benefit. As a result, no amortisation is recorded during the period.

Leases

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases. Rentals payable under operating leases are charged in the income statement on a straight-line basis over the lease term. Assets held under finance leases are initially recognised as assets of the Group at their fair value or, if lower, the present value of the minimum lease payments, each determined at the inception of the lease. The corresponding liability to the lessor is included in the balance sheet as a finance lease obligation. Lease payments are apportioned between finance charges and reduction of the lease obligation so as to achieve a constant rate of interest on the remaining balance of the liability, with charges being recognised directly in the income statement.

In compliance with interpretation IFRIC 4, the Group identifies agreements which do not have the legal form of a lease but which convey the right to use an asset or group of specific assets to the purchaser. The purchaser in such arrangements benefits from a substantial share of the asset's production, and payment is not dependent on production or market price.

Such arrangements are treated as leases, and analysed with reference to IAS 17 for classification as either operating or finance leases.

Taxation

The income tax expense included in the consolidated income statement consists of current and deferred tax.

Current tax
Current tax, including UK corporation tax, is provided at amounts expected to be paid (or recovered) using the tax rates and laws that have been enacted by the balance sheet date. The tax currently payable is based on taxable profit for the year. Taxable profit differs from net profit as reported in the income statement because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible.

Deferred tax
Deferred tax is provided or recognised in full using the balance sheet liability method, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes.

Deferred tax arising from (1) the initial recognition of goodwill, (2) the initial recognition of assets or liabilities in a transaction (other than in a business combination) that affects neither the taxable profit nor the accounting profit, or (3) differences relating to investments in subsidiaries to the extent that they will probably not reverse in the foreseeable future, is not provided for.

Deferred tax assets are recognised to the extent it is more likely than not that future taxable profits will be available against which the temporary differences can be utilised. The carrying amount of deferred tax assets is reviewed at each balance sheet date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the assets to be recovered.

Deferred tax is calculated at the tax rates that are expected to apply for the period when the asset is realised or the liability is settled based on tax laws and rates that have been enacted or substantively enacted at the balance sheet date.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Taxation (continued)

Current tax and deferred tax for the year
Current tax and deferred tax are recognised in the income statement, except when they relate to items that are recognised in other comprehensive income or directly in equity, in which case, the current tax and deferred tax are also recognised in other comprehensive income or directly in equity respectively.

Retirement benefit costs

The Group operates three defined benefit pension schemes. The cost of providing benefits is determined using the Projected Unit Credit method with actuarial valuations being carried out at each balance sheet date. Remeasurement comprising actuarial gains and losses and the return on scheme assets (excluding interest) are recognised immediately in the balance sheet with a charge or credit to the statement of comprehensive income in the period in which they occur. Net interest is calculated by applying a discount rate to the net defined benefit liability or asset. Defined benefit costs include current service, past service cost and gains or losses on curtailments and settlements which are included in personnel expenses. It also includes net interest expense which is included in finance costs.

The retirement benefit obligation recognised on the balance sheet represents the deficit or surplus in the Group's defined benefit schemes. Any surplus arising from this calculation is limited to the present value of any economic benefits available in the form of refunds from the scheme or reductions in future contributions to the schemes.

Cash and cash equivalents

Cash and cash equivalents comprises cash at bank and in hand, including short term deposits with a maturity date of three months or less from the date of acquisition and restricted cash. The Group operates a cash concentration arrangement which physically offsets cash balances and overdrafts between subsidiary companies.

Financial instruments

Financial assets and liabilities are recognised on the Group's balance sheet when the Group becomes a party to the contractual provisions of the instruments.

Financial assets and liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through the profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through the profit or loss are recognised immediately in profit or loss.

The effective interest method is a method of calculating the amortised cost of a financial liability or a financial asset and of allocating the interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments or receipts (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts), through the expected life of the financial liability or asset or (where appropriate) a shorter period, to the net carrying amount on initial recognition).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Financial assets

Financial assets are classified into the following specified categories: Financial assets at 'fair value through the profit or loss' (FVTPL); 'held to maturity' investments; 'available for sale' ("AFS") financial assets and 'loans and receivables'. The classification depends on the nature and purpose of the financial assets and is determined at the time of initial recognition. All regular way purchases or sales of financial assets are recognised and derecognised on a trade date basis. Regular way purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or convention in the workplace.

Financial assets at FVTPL

Financial assets are classified at FVTPL when the financial asset is either held for trading or it is designated as at FVTPL. A financial asset is held for trading if it has been acquired principally for the purpose of selling it in the near term; or if on initial recognition it is part of a portfolio of identified financial instruments that the Group manages together and has a recent actual pattern of short-term profit taking; or it is a derivative which is not designated and effective as a hedging instrument.

A financial asset which is not held for trading may be designated as at FVTPL on initial recognition if such a designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or if it forms part of a group of financial assets and/or financial liabilities which is managed on a fair value basis in accordance with the Group's risk management strategy; or it is part of a contract which contains an embedded derivative.

Financial assets at FVTPL are stated at fair value with any gains or losses on remeasurement recognised in the income statement.

Available for sale financial assets

Available for sale financial assets comprise non-consolidated equity investments. On initial recognition, available for sale financial assets are recorded at fair value plus transaction costs attributable to their acquisition. They are subsequently remeasured to fair value at each reporting date through other comprehensive income.

Held to maturity investments

Held to maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturity dates that the Group has the positive intention and ability to hold until maturity. Subsequent to initial recognition, held-to-maturity investments are measured at amortised cost using the effective interest rate method less any impairment.

Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Trade receivables are initially measured at original invoice amount and are subsequently measured at fair value. An allowance is recognised in the income statement for irrecoverable amounts when there is evidence that the asset is impaired. The allowance is calculated as the difference between the carrying amount and the expected future cash flows from the asset.

Interest income is recognised by applying the effective interest rate except for short-term receivables when the effect of discounting is immaterial.

Impairment of financial assets

Financial assets other than those at FVTPL are tested for impairment at the end of each reporting period. Financial assets are considered to be impaired when there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the asset, the estimated future cash flows of the asset have been impacted.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Financial assets continued

De-recognition of financial assets

The Group de-recognises a financial asset when the contractual rights to the cashflows from the asset expire, or when it transfers the financial asset along with substantially all the risks and rewards of ownership to a third party. On de-recognition of a financial asset in its entirety, the difference between the asset's carrying value, the sum of the consideration received and receivable, and the cumulative gain or loss that had been recognised in other comprehensive income and accumulated in equity is recognised in the income statement.

Financial liabilities and equity

Financial liabilities are classified according to the nature of the contractual obligations, and are based on the definition of liability. An equity instrument is a contract that evidences a residual interest in the assets of the Group.

Financial liabilities are classified as either financial liabilities 'at FVTPL' or other financial liabilities.

Financial liabilities at FVTPL

Financial liabilities are classified at FVTPL when the financial liability is either held for trading or it is designated as at FVTPL. A financial liability is held for trading if it has been incurred principally for the purpose of repurchasing it in the near term; or if on initial recognition it is part of a portfolio of identified financial instruments that the Group manages together and has a recent actually pattern of short-term profit taking; or it is a derivative which is not designated and effective as a hedging instrument.

A financial liability which is not held for trading may be designated as at FVTPL on initial recognition if such a designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or if it forms part of a group of financial assets and/or financial liabilities which is managed on a fair value basis in accordance with the Group's risk management strategy; or it is part of a contract which contains an embedded derivative.

Financial assets at FVTPL are stated at fair value with any gains or losses on remeasurement recognised in the income statement.

Other financial liabilities

Other financial liabilities include borrowings and trade and other payables and are subsequently measured at amortised cost using the effective interest method. The effective interest method is a method of calculating the amortised cost of a financial liability and of allocating the interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments (including all fees and points pair or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts), through the expected life of the financial liability or (where appropriate) a shorter period, to the net carrying amount on initial recognition).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Derivative financial instruments

The Group enters into financial instruments to manage its exposure to fluctuations in foreign exchange rates, interest rates and commodity prices (including gas, coal, carbon and electricity), including FX forwards, interest rate swaps and forward sales and purchases of energy or commodities. Further details of derivative financial instruments are disclosed in note 41.

Forward sales and purchases of commodities and energy are considered to fall outside the scope of IAS 39 when the contract concerned is considered to qualify as "own use". This is demonstrated to be the case when the following conditions have been met:

- a physical delivery takes place under all such contracts;
- the volumes purchased or sold under the contracts correspond to the Group's operating requirements; and
- the contracts are not considered as written options as defined by the standard.

Commodity forward contracts not qualifying as 'own use' which also meet the definition of a derivative are within the scope of IAS 39. This includes both financial and non-financial contracts.

Derivatives and other financial instruments are measured at fair value on the contract date and are re-measured to fair value at subsequent reporting dates. Changes in the fair value of derivatives and other financial instruments that do not qualify for hedge accounting are recognised in the income statement as they arise. Changes in the fair values of derivative financial instruments that are designated as hedges of future cash flows are recognised directly in equity with any ineffective element being recognised immediately in the income statement, as explained further below.

The use of derivatives and other financial instruments is governed by the Group's policies and approved by appropriate management. The Group does not use derivatives and other financial instruments for speculative purposes.

A derivative with a positive fair value is recognised as a financial asset whereas a derivative with a negative fair value is recognised as a financial liability. A derivative is presented as a non-current asset or a non-current liability if the remaining maturity of the instrument is more than 12 months and it is not expected to be realised or settled within 12 months. Other derivatives are presented as current assets or current liabilities.

Embedded derivatives

Derivatives embedded in other financial instruments or other host contracts are treated as separate derivatives when their risks and characteristics are not closely related to those of the host contract, and the host contract is not carried at fair value with changes in fair value recognised in the income statement.

Hedge accounting

The Group designates certain hedging instruments, which include derivatives and non-derivatives in respect of foreign currency risk, as cash flow hedges.

At inception of the hedge relationship, the entity documents the relationship between the hedging instrument and hedged item, along with its risk management objectives and its strategy for undertaking various hedge transactions. Furthermore, at the inception of the hedge, and on an on-going basis, the Group documents whether the hedging instrument is highly effective in offsetting changes in fair values or cash flows of the hedged item.

The Group classifies hedges in the following categories:

Cash flow hedges

The effective portion of changes in the fair value of derivatives that are designated and qualify as cash flow hedges are recognised in other comprehensive income. The gain or loss relating to the ineffective portion is recognised immediately in the income statement and is included within loss/gain on derivative commodity contracts for commodity contracts, and investment revenue or finance costs for financing instruments.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

2. Significant accounting policies continued

Hedge accounting continued

Amounts previously recognised in other comprehensive income and accumulated in equity are recycled in the income statement in the periods when the hedged item is recognised in the income statement, in the same line of the income statement as the recognised hedged item. However when the hedged forecast transaction results in the recognition of a non-financial asset or a non-financial liability, the gains and losses previously deferred in equity are transferred from equity and included in the initial measurement of the cost of the asset or liability.

Hedge accounting is discontinued when the Group revokes the hedging relationship, the hedging instrument expires or is sold, terminated, or exercised, or no longer qualifies for hedge accounting. At that time, any cumulative gain or loss deferred in equity at that time remains in equity and is recognised when the forecast transaction is ultimately recognised in the income statement. When a forecast transaction is no longer expected to occur, the cumulative gain or loss that was deferred in equity is recognised immediately in the income statement.

3. Critical accounting judgements and key sources of estimation uncertainty

In the process of applying the Group's accounting policies, some critical accounting judgements have been applied by management and some balances are based on estimates.

Critical judgements in applying the Group's accounting policies

The following are the critical judgements, apart from those involving estimations (which are dealt with separately below), that the Directors have made in the process of applying the Group's accounting policies and that have the most significant effect on the amounts recognised in financial statements.

Revenue recognition
Revenue includes an estimate of the sales value of units supplied to customers between the date of the last meter reading and the year end. This is calculated by reference to data received through the third party settlement systems, as described further below, together with estimates of consumption not yet processed through settlements and selling price estimates. These estimates are sensitive to the assumptions used in determining the portion of sales not billed and based on actual meter readings at the reporting date.

Revenue is valued at average pence per unit, and any unbilled revenue is treated as an unbilled debtor. This figure is adjusted based on a judgement of the likelihood of collecting the outstanding debt based on historical data. Further detail on revenue is disclosed in note 4.

Accounting for the HPC transaction
On 29 September 2016, the HPC project achieved FID. At this point, EDF disposed of a 33.5% interest in the HPC project, as well as a 20% interest in the Sizewell C project. Achieving FID has triggered a number of contracts, transactions and accounting judgements. Judgements include determining whether EDF has retained control of HPC and Sizewell C post transaction, as well as the initial accounting for the non-controlling interest and the allocation of goodwill between HPC and Sizewell C. It was concluded that EDF retained control of HPC and Sizewell C following the disposal of a 33.5% interest in each project. The non-controlling interest has been calculated based on the share of net assets of HPC and Sizewell C respectively at the date of disposal. In addition, goodwill has been 'allocated' to the non-controlling interest, based on the goodwill attributed to nuclear new build sites. Further detail on this transaction and the financial impact of these judgements is disclosed in note 32.

The accounting treatment with regards to the CfD, signed following the achievement of FID, also represents a critical judgment. The assessment of the accounting treatment is that there is no derivative or embedded derivative, or other financial instrument, required to be accounted for prior to the point of generation, and hence no accounting implications for the year ended 31 December 2016. This is on the basis that signing the CfD contract does not in itself create a contractual right for the generator to receive cash from the CfD counterparty.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

3. Critical accounting judgements and key sources of estimation uncertainty continued

Key sources of estimation uncertainty

The key assumptions concerning the future, and other key sources of estimation uncertainty at the reporting period that may have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year, are discussed below.

Industry reconciliation process – fuel and energy purchases
The cost of electricity and gas purchases is reported in line with the latest settlement data provided by the industry system operators, which itself includes an inherent degree of estimation, depending on the maturity of that data. The industry reconciliation process allocates purchase volumes and associated settlement costs between suppliers based on a combination of estimated and metered customer consumption. Over time, as more actual reads become available and replace previous consumption estimates, the allocation of volumes and costs between suppliers is updated through the industry reconciliation process, and becomes continually more accurate as a result. Further detail on fuel and energy purchases is disclosed in note 6.

Provisions for impairment of receivables and inventories
Provisions are made against bad and doubtful debts, unbilled revenue and obsolete inventory. Provision against debtors is estimated based on applying a percentage provision rate to the aged debt book at the end of each period. The provision rates are based on the comparison of historical rates of collection compared to billing data. Any over-statement or under-statement of the provision is essentially a timing difference to the actual write-off level. Provision is made against inventory taking account of the age of the asset, using predefined formulae derived from actual experience. The financial impact of this uncertainty is disclosed in note 24.

Decommissioning and spent nuclear fuel provisions
The consolidated financial statements include provision for the full cost of decommissioning the Group's nuclear power stations. Provision is made on the basis of the latest technical assessments of the processes and methods likely to be used for decommissioning under the current regulatory regime. Expected future costs of decommissioning are monitored to ensure that the provision remains at an adequate level. Further information about decommissioning and spent nuclear fuel provisions can be found in note 30.

Decommissioning provisions (non-nuclear stations)
The Group has provided for decommissioning its three non-nuclear power stations and windfarms. These provisions are based on the experience of other companies within the EDF Group, adjusted for specific issues associated with each power station and are discounted to the present value of future payments. Expected future costs of decommissioning are monitored to ensure that the provision remains at an adequate level. Further information about decommissioning provisions can be found in note 29.

Pension surplus/(deficit)
The pension surplus/(deficit) is calculated by independent qualified actuaries, based on actual payroll data and certain actuarial assumptions. These actuarial assumptions are made to model potential future costs and benefits and include: life expectancy, rates of returns on plan assets, inflation, discount rate and expected retirement age. These assumptions are reviewed on an annual basis and may change based on current market data. Further information is available about pensions in note 40.

Goodwill and asset impairment
The Group performs impairment testing of goodwill on an annual basis and on other assets where there is an indication of potential impairment. The impairment review involves a number of assumptions including discount rates, output values, asset lives and forward power prices. The long term nature of the Group's assets and the unique and early stage nature of the Group's Nuclear New Build projects in particular, increases the level of uncertainty involved. Further detail on the assumptions used in the calculation can be found in note 16.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

3. Critical accounting judgements and key sources of estimation uncertainty continued

Key sources of estimation uncertainty continued

Fair value measurement
Some of the Group's assets and liabilities, principally derivative financial instruments, are measured at fair value for financial reporting purposes. In estimating the fair value of an asset or liability, the Group uses market-observable data to the extent that it is available. Where level 1 inputs are not available, the Group uses valuation techniques to determine fair values which are based on observable market data.

All derivative financial instruments are valued using a discounted cash flow. Future cash flows are estimated based on forward rates (from observable rates at the end of the reporting period) and contract forward rates, discounted at rate that reflects the credit risk of the counterparties. Similar valuation methodologies are used for commodity forward contracts, foreign currency forward contracts, cross currency swaps and interest rate swaps. There are no significant unobservable inputs into the valuation. Further information about fair value measurement and the financial impact of this uncertainty can be found in note 41.

4. Revenue

An analysis of the Group's revenue is as follows:

	Year ended 2016 £m	Year ended 2015 £m
Sales of goods and services	**7,583**	8,436
Other revenue	**5**	4
	7,588	8,440
Investment revenue (note 9)	**8**	14
Total revenue	**7,596**	8,454

5. Profit/(loss) for the year

Profit/(loss) for the year has been arrived at after charging/(crediting) the following gains and losses:	**2016 £m**	2015 £m
Research and development costs	**34**	37
Personnel expenses (note 8)	**764**	823
Auditor's remuneration for audit services (see below)	**2**	2
Auditor's remuneration for non-audit services (see below)	**-**	2
Net foreign exchange (gains)/losses (note 9,10)	**(10)**	19
Impairment of property, plant and equipment (note 16,18)	**6**	796
Impairment of intangible assets (note 16,17)	**60**	100
Amortisation of intangible assets (note 17)	**85**	73
Depreciation of property, plant and equipment (note 18)	**792**	856
Cost of inventories recognised as expense	**367**	903
Losses on derivative commodity contracts	**53**	32
Losses on derivative foreign exchange contracts (note 9,10)	**-**	7
Operating lease rentals	**24**	21
Movement in bad debt provision (note 24)	**(27)**	(27)
Impairment losses recognised on trade receivables	**89**	84
Reversal of impairment losses recognised on trade receivables	**(1)**	(1)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

5. Profit/(loss) for the year continued

The analysis of Auditor's remuneration is as follows:

	2016 £m	2015 £m
Fees payable to the Company's auditor for the audit of the Company's and the Group's accounts	**0.4**	0.4
For the audit of the Company's subsidiaries pursuant to legislation	**1.1**	1.1
Total audit fees	**1.5**	1.5
Other assurance services	**0.1**	0.1
Tax advisory	**0.2**	0.3
Other services	**-**	-
Advisory services regarding NNB	**0.1**	1.4
Total non audit fees	**0.4**	1.8
Total fees	**1.9**	3.3

6. Fuel, energy and related purchases

	2016 £m	2015 £m
Purchase of energy	**2,148**	2,752
Distribution and transmission	**1,514**	1,449
Carbon certificates	**21**	74
Renewable obligation certificates	**629**	534
Unwinding of nuclear fuel asset	**26**	45
Other energy related purchases	**10**	11
Total fuel, energy and related purchases	**4,348**	4,865

7. Directors' remuneration

Two of the Directors receive remuneration for services to the Group and their remuneration is disclosed below, including Vincent de Rivaz who is employed by the ultimate parent company. The remaining Directors are also remunerated by the ultimate parent company and do not receive any emoluments for services to the Group.

	2016 £m	2015 £m
Aggregate remuneration	**1.2**	1.1
Amounts receivable under long-term incentive schemes	**0.2**	0.3
Total remuneration excluding expatriate related benefits	**1.4**	1.4
Expatriate related benefits	**0.3**	0.4
Total remuneration	**1.7**	1.8

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

7. Directors' remuneration continued

	2016 Number	2015 Number
Members of defined benefit pension scheme	**1**	1

	2016 £m	2015 £m
Remuneration payable to the highest paid Director was as follows:		
Aggregate remuneration	**0.7**	0.7
Amounts receivable under long-term incentive schemes	**0.2**	0.2
Total remuneration excluding expatriate related benefits	**0.9**	0.9
Expatriate related benefits	**0.3**	0.4
Total remuneration	**1.2**	1.3

The aggregate remuneration includes basic salary and amounts receivable under annual incentive schemes.

The remuneration of all Directors disclosed above will also be included in the financial statements of EDF Energy plc for the year ended 31 December 2016.

8. Personnel expenses

Staff costs arising in the year, including Directors' emoluments were as follows:

	2016 £m	2015 £m
Wages and salaries	**630**	675
Social security costs	**72**	62
Pension costs (note 40)	**183**	211
Severance	**3**	-
Less capitalised cost	**(124)**	(125)
	764	823

The monthly average number of employees during the year was as follows:

	2016 Number	2015 Number
Generation business unit	**6,473**	6,549
Customers business unit	**5,747**	6,402
Nuclear New Build business unit	**520**	449
Corporate and Steering functions	**857**	891
	13,597	14,291

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

9. Investment income

	2016 £m	2015 £m
Interest on bank deposits	**10**	9
Other finance income	**4**	6
Provision against other finance income	**(1)**	(1)
Movement in provision against loan to third party	**(5)**	-
Total investment revenue	**8**	14
Foreign exchange gains	**10**	-
Unwinding of discount on NLF receivable	**324**	178
Total other investment income	**334**	178
Total investment income	**342**	192

10. Finance costs

	2016 £m	2015 £m
Interest on bank loans and overdrafts	**14**	21
Interest on bonds	**25**	25
Finance charges payable under finance leases	**6**	6
Unwinding of discount on provisions (note 29)	**316**	196
Unwinding of discount on NLF payable	**75**	44
Pension scheme interest (note 40)	**6**	10
Fair value losses of foreign currency derivatives	**-**	7
Other interest	**-**	1
Foreign exchange losses	**-**	19
Total finance cost	**442**	329
Less: amounts included in the cost of qualifying assets	**(5)**	(9)
Total borrowing costs	**437**	320

Finance costs included in the cost of qualifying assets are calculated with reference to the €800m Eurobond, see note 27.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

11. Restructuring costs

	2016 £m	2015 £m
Customers business unit	**8**	36
Corporate and Steering functions	**2**	5
Total restructuring costs	**10**	41

During 2015, the Company took steps to increase efficiency, with specific initiatives such as the Finance efficiency programme, Future HR project and continued cost reduction. These efficiency plans will result in the Company operating with fewer people in both the Customers business and the Corporate and Steering Functions. As a result of these steps, restructuring costs of £41m were recognised during 2015.

During 2016, the Company provided for a further £10m as a result of identifying additional headcount expected to be impacted during 2017 and 2018.

12. Tax on profit on continuing ordinary activities

(a) Analysis of tax charge / (credit) in the year

Current tax	**2016 £m**	2015 £m
UK corporation tax on profits / loss made in the year	**103**	131
Adjustments in respect of previous years' reported tax charges	**(21)**	(13)
Total current tax charge for the year	**82**	118

Deferred tax	**2016 £m**	2015 £m
Current year credit	**(28)**	**(146)**
Adjustments in respect of previous years' reported tax charges	**13**	**1**
Effect of decreased tax rate on opening liability	**(55)**	**(115)**
Total deferred tax credit for the year (note 31)	**(70)**	**(260)**
Income tax charge / (credit) reported in consolidated income statement (note 12(b))	**12**	**(142)**

The adjustments to previous years' reported current and deferred tax charges relate primarily to the release of provisions for uncertain tax positions which have now been agreed with HMRC.

As explained in (c), the tax rate at which deferred tax is recognised has reduced from 18.3% to 17.4% due to enacted reductions of the tax rate in future years and this results in the credit of £55m shown above.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

12. Tax on profit on continuing ordinary activities continued

(b) The income tax charge / (credit) for the year can be reconciled to the profits / loss before tax per the consolidated income statement as follows:

	2016 £m	2015 £m
Profit / (loss) before tax	**305**	(296)
Tax at the UK corporation tax rate of 20.00% (2015: 20.25%)	**61**	(60)
Effect of:		
Non-deductible expenses and non-taxable income	**10**	30
Current year effect of deferred tax rate change	**4**	15
Decreased tax rate on opening deferred tax liability	**(55)**	(115)
Adjustment to prior-year corporation tax	**(21)**	(13)
Adjustment to prior-year deferred tax	**13**	1
Income tax charge / (credit) reported in consolidated income statement	**12**	(142)

Reconciliation of current UK corporation tax on profits / loss made in the year:

	2016 £m	2015 £m
Profit / (loss) before tax	**305**	(296)
Expected tax at the UK corporation tax rate of 20.00% (2015: 20.25%)	**61**	(60)
Adjusted for:		
Permanent differences:		
- Non-qualifying depreciation	**4**	3
- Impairment of assets not qualifying for capital allowances	**-**	21
- Other permanent differences	**6**	7
Temporary differences:		
-Qualifying depreciation	**185**	185
-Impairment of assets qualifying for capital allowances	**-**	161
-Capital allowances	**(157)**	(185)
-Movement in provisions	**(1)**	6
-Losses carried forwards	**3**	-
-Amortisation of fair value adjustments on business acquisitions	**5**	9
-Movement in pension provisions	**(4)**	(16)
-Other temporary differences	**1**	-
Current UK corporation tax on profits / loss made in the year (note 12(a))	**103**	131
Current year effective corporation tax rate	**33.8%**	(44.3)%

UK tax law exempts some forms of income from tax and denies relief for some forms of expense in this financial year. The impact of the income and expense may also be deferred until future financial years.

Permanent differences are expenses that are not deductible and income that is not taxable in the calculation of corporation tax in this financial year or any other financial year.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

12. Tax on profit on continuing ordinary activities continued

Temporary differences are differences between accounting profit and taxable profit other than permanent differences; for example timing differences. Timing differences are expenditure or income that are recognised in the calculation of corporation tax in one financial year and are recognised in the accounts in a different financial year. The recognition in the accounts may be before or after the financial year in which the expenditure or income is recognised in the calculation of corporation tax.

(c) Other factors affecting the tax charge for the year

The accounting for deferred tax follows the accounting treatment of the underlying item on which deferred tax is being provided and hence is booked within equity if the underlying item is booked within equity.

In the current year a deferred tax credit of £33m (2015: charge of £60m) has been recognised in reserves. This consists of a charge of £58m (2015: charge of £18m) in respect of pension movements and a credit of £91m (2015: charge of £42m) which relates to fair value movements arising on derivative instruments.

A current tax credit of £14m (2015: £10m) has also been recognised in reserves. This consists solely of a credit of £14m (2015: £10m) in respect of pension movements.

Changes to the main rate of corporation tax were announced in Finance (No. 2) Act 2015. These comprised a reduction in the main rate of corporation tax for the financial year beginning 1 April 2017 from 20% to 19% and a further reduction for the financial year beginning 1 April 2020 from 19% to 18%.

Finance Act 2016 announced a reduction in the main rate of corporation tax for the financial year beginning 1 April 2020 from 18% to 17%.

The closing deferred tax balance at 31 December 2016 has been calculated at 17.4% (31 December 2015: 18.3%). This is the average tax rate at which the reversal of the net deferred tax liability is expected to occur.

The impact of this reduction to 17.4% is that the opening deferred tax liability is reduced by £55m, all of which is recognised as a credit to the consolidated income statement of £55m.

(d) The total UK tax contribution in the year is analysed below by type of tax:

	2016 £m	2015 £m
Taxes collected on behalf of the Government:		
VAT collected on sales (output VAT)	**855**	838
VAT paid on taxable purchases (input VAT)	**(1,114)**	(1,025)
PAYE & employees' NIC	**191**	194
Climate change levy (CCL)	**90**	56
Total taxes collected on behalf of the Government	**22**	63

Taxes borne by the Group:	**2016 £m**	2015 £m
Corporation tax payments made in respect of the year	**34**	49
Corporation tax payments made in respect of prior years	**40**	53
Corporation tax (refunds) received in respect of prior years	**(11)**	(43)
Employers' NIC	**73**	67
Business rates	**98**	102
Carbon price support	**88**	227
Other	**-**	1
Total taxes borne by the Group	**322**	456

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

12. Tax on profit on continuing ordinary activities continued

For VAT reporting purposes, EDF Energy are required to self-account for output VAT on wholesale energy purchases and the purchase of some goods and services from outside the UK; an equal amount of input VAT is recoverable, giving a net VAT position of nil. This charge has been excluded from the output VAT and input VAT shown above.

Neither VAT nor CCL currently have a significant impact on the Group's operating profit. The Group recovers the majority of VAT paid on its taxable purchases and collects VAT on behalf of the Government from its residential customers at the prescribed rate of 5% and from its business customers at up to 20%, depending on usage and entitlement to reliefs of a business. The difference in recovery and collection rates resulted in a net VAT repayment due back to the Group from HMRC, as a refund of taxes already paid by the Group on purchases, as reflected in the table above.

An indication of the net VAT income to the UK exchequer as a result of EDF Energy's economic activity is the input VAT that business customers cannot fully reclaim and the VAT paid on the bills of residential customers, as a residential customer cannot reclaim this VAT from the UK exchequer. In 2016, the VAT paid on the bills of residential customers was £155m (2015: £160m) and is included within VAT collected on sales above.

CCL is a levy collected by the Group, on behalf of the Government, and is chargeable on the VAT inclusive supply of gas and electricity to business customers. This value has increased partly due to the annual rate rise and partly due to the removal of the Climate Change Levy exemption for Renewable Generation.

The Carbon Price Support is a tax on fossil fuels used to generate electricity, which came into effect on 1 April 2013. This has decreased substantially compared to the prior year as a result of the significantly reduced operation of the Group's coal-fired power stations.

The current year corporation tax expense (note 12(a)) and the total cash corporation tax paid (above) in each financial year are different, principally because the cash paid in respect of the UK corporation tax charge for a financial year is in quarterly instalments which straddle two consecutive financial years. For example, the cash paid in 2016 in respect of corporation tax comprised the final two quarterly instalments in respect of 2015 and the first two quarterly instalments in respect of 2016.

Where differences of view arise with HMRC with regard to the interpretation and application of tax law, the Group may prudently cover these risks via cash payments to HMRC. Where resolution of these differences in a subsequent period gives rise to repayments of the corporation tax paid, these amounts are included above, within 'Corporation tax (refunds) received in respect of prior years'.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

12. Tax on profit on continuing ordinary activities continued

An analysis of how the UK corporation tax on profits made in the year (note 12(a)) will be settled is shown below:

Breakdown of current year corporation tax payable

	2016 £m	2015 £m
UK corporation tax on profits made in year (note 12 (a))	**103**	131
UK corporation tax relief on costs charged to reserves (note 12(c))	**(14)**	(10)
Net current year corporation tax payable	**89**	121
Corporation tax payments made in respect of the year	**34**	49
Corporation tax payments to be made in the following year	**14**	32
Payments to be made for current year losses surrendered from associated EDF companies not included within these financial statements	**41**	40
Net current year corporation tax payable	**89**	121

UK tax laws allow the transfer of current year corporation tax losses between companies within a group, to relieve profits arising within the current year in the same tax group, via group relief. Payments for group relief are typically made at the statutory tax rate.

13. Dividends

	2016 £m	2015 £m
Amounts recognised as distributions to equity holders in the period:		
Interim dividends paid to parent company (note 37)	**242**	189
Interim dividends paid by subsidiary to non-controlling interests (note 32)	**110**	166
	352	355

The interim dividends to the parent company represents 2.9p per Ordinary share (2015: 1.4p).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

14. Disposals

Disposal of investments

During the year, the Group disposed of its 50% interest in Blyth Offshore Demonstrator Limited. In addition, the Group also disposed of 100% of its investment in The Barkantine Heat and Power Company Limited ('Barkantine') to an existing 50% owned associate, EDF Energy Services Limited, resulting in deconsolidation of Barkantine and the remaining 50% indirect investment being equity accounted as an associate.

The assets and liabilities sold as part of the sale of Blyth Offshore Demonstrator and Barkantine are shown below:

£m	Barkantine	Blyth Offshore Demonstrator	Total
Property, plant and equipment	2	7	**9**
Cash and cash equivalents	2	-	**2**
Total assets	4	7	**11**
Other liabilities	(1)	(1)	**(2)**
Intra-group loans	(1)	-	**(1)**
Total liabilities	(2)	(1)	**(3)**
Net assets sold	2	6	**8**
Cash proceeds:			
Consideration for equity shares	2	6	**8**
Profit on disposal:			
Consideration for equity shares	2	6	**8**
Net assets disposed	(2)	(6)	**(8)**
Profit on disposal of investments	-	**-**	**-**

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

15. Goodwill

	£m
Carrying amount	
At 31 December 2014	6,723
Change in value of CVR instrument	(12)
At 31 December 2015	6,711
Change in value of CVR instrument	(36)
At 31 December 2016	**6,675**

16. Impairment of non-current assets

Breakdown of impairments recognised

		2016 £m	2015 £m
Coal		**-**	432
Gas Storage	- Hill Top	**30**	165
	- Hole House	**5**	42
Renewables		**1**	-
CCGT		**-**	157
Brand		**30**	100
		66	896

In 2015, the impairment of property, plant and equipment relates to the CCGT station, coal plants at Cottam and West Burton, and the gas storage facilities at Hill Top Farm and Hole House.

In 2016, falls in weekday-weekend spreads was considered as an impairment trigger for the gas storage facilities at Hill Top Farm and Hole House. For Hill Top Farm, a recoverable amount of £42m was calculated based on the value in use, against a carrying value of £72m which results in an impairment of £30m. For Hole House, a recoverable amount of zero was calculated based on the value in use, against a carrying value of £5m which results in an impairment of £5m. The main assumptions used for the calculation were the discount rate and forward power and gas prices and volatility of forward gas prices. The discount rate was derived from an after-tax rate of 6.2% (2015: 6.5%).

In 2016, impairment of £1m was recorded in respect of Renewables development expenditure capitalised as work in progress. Impairments of 50-75% of the development expenditure are immediately recognised to reflect the uncertainty of the project pipeline.

In 2016, impairment of £30m (2015: £100m) was recorded in respect of the brand, following the external valuation undertaken in 2015.

Impairment testing of goodwill

Goodwill is tested for impairment based on a single group of cash generating units comprising substantially all of the Group's business. This is in line with the integrated generator/supplier model used by the Group.

During the year, impairment testing has been carried out on the goodwill balance with the recoverable amount based on the value in use. The value in use of the cash generating unit has been calculated using a discounted cash flow method based on the assumptions in the Group's four-year medium-term plans, then its long term plans. This fair value calculation is considered as a Level 3 calculation because it includes internal cash flow projections which are not either directly or indirectly observable.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

16. Impairment of non-current assets continued

Impairment testing of goodwill continued

The principal assumptions used for the discounted cash flow are the discount rate, the growth rate, forward power prices, generation output as well as assumptions around the construction of a twin EPR at Hinkley Point C.

An estimated growth rate of 1.7%-3.1% (2015: 1.5%-3.2%) is used, other than for finite life generation assets, which is based on current information and industry norms and is the rate used in the Group's four-year medium-term plans and long-term plans. The estimated fair value less costs to sell is based on post-tax discounted cash flows, using a discount rate derived from an after-tax rate of 6.4% for goodwill (2015: 6.7%). This discount rate is a weighted average cost of capital based EDF S.A.'s cost of capital for UK activities.

The assumptions regarding long term electricity prices in the United Kingdom take account of the need to develop new generation facilities to meet demand from 2020, especially due to the retirement of the coal-fired power stations, and an expected recovery in nuclear power by that time. The greenhouse gas emission quota prices used for the impairment tests reflect the impact of the energy market reforms such as the carbon price support.

The generation output included in the discounted cash flow assumes the extension of useful economic lives of existing nuclear reactors and the commissioning of a twin EPR at Hinkley Point C. The discounted cash flows associated with the new EPR is based on the contract for difference ("CfD") between the Group and the British government. The CfD sets stable predictable prices for the Group: if market prices fall below the CfD exercise price, EDF Energy will receive an additional payment and if market prices are above the CfD price, then EDF Energy would refund the difference. The expected contribution of the twin EPR has a significant impact on the recoverable amount of the goodwill because it is expected to generate cash flows over a sixty year period from commissioning.

The Group has conducted sensitivity analysis on the impairment test of goodwill based on its assessment of reasonably possible changes in the principal assumptions, pursuant to which the most significant other assumptions were identified to be the discount rate, nuclear output and the delivery of HPC. An increase in the discount rate to 6.9% across all cash flows included in the impairment test would still result in a recoverable amount in excess of the carrying value for goodwill. Likewise if the output assumption from the existing nuclear fleet is reduced from the long term plan assumptions, of 63 TWh in 2017-18, increasing to c. 65 TWh in 2019, to 60 TWh it would still result in a recoverable amount in excess of the carrying value for goodwill. Delaying the HPC commercial operation date by 1 year and overrunning construction cost by £730m (c. 4%) would also still result in a recoverable amount in excess of the carrying value for goodwill.

The recoverability of goodwill at 31 December 2016 is dependent upon the Group's recoverable amount, estimated by discounting future cash flows. The value in use is in turn dependent upon (i) forecast profitability of the nuclear generation which incorporates the extension of useful lives of existing nuclear reactors and customer supply businesses, as well as (ii) the forecast profitability of HPC. The value in use incorporates the assumption that two new EPRs with a 60-year useful life will be commissioned at HPC. Projections for the plan to build two EPRs at the Hinkley Point site incorporate electricity sale prices based on the Contract for Difference (CfD) between the Group and the UK government. The CfD sets stable, predictable prices for EDF Energy for a period of 35 years from the date the two EPRs are first commissioned: if market prices fall below the CfD exercise price, EDF Energy will receive an additional payment.

On 21 October 2015, EDF and China General Nuclear Power Corporation ("CGN") signed a non-binding strategic investment agreement for the construction and operation of HPC. The EDF Board of Directors took, on 28 July 2016, the Final Investment Decision regarding the Hinkley Point C project in the United Kingdom. The British Government then announced that it wished to re-examine the project before giving it its approval. Following this comprehensive re-examination, on 15 September 2016, the British Government confirmed its decision to proceed with the Hinkley Point C project and final contracts between EDF, CGN and the British Government were signed on 29 September 2016.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

17. Intangible assets

	EU Emissions trading certificates £m	Renewable obligations certificates £m	IT software £m	Licence £m	Brand £m	Total £m
Cost						
At 31 December 2014	118	123	690	38	200	**1,169**
Additions	75	591	121	-	-	**787**
Disposals	(115)	(509)	(2)	-	-	**(626)**
At 31 December 2015	**78**	**205**	**809**	**38**	**200**	**1,330**
Additions	20	501	76	-	-	**597**
Disposals	(78)	(563)	(36)	-	-	**(677)**
At 31 December 2016	**20**	**143**	**849**	**38**	**200**	**1,250**
Amortisation						
At 31 December 2014	**-**	**-**	(263)	(6)	-	**(269)**
Charge for year	-	-	(72)	(1)	-	**(73)**
Impairment (note 16)	-	-	-	-	(100)	**(100)**
Disposals	-	-	3	-	**-**	**3**
At 31 December 2015	**-**	**-**	**(332)**	**(7)**	**(100)**	**(439)**
Charge for year	-	-	(85)	-	**-**	**(85)**
Impairment (note 16)	-	-	-	(30)	(30)	**(60)**
Disposals	-	-	37	-	**-**	**37**
At 31 December 2016	**-**	**-**	**(380)**	**(37)**	**(130)**	**(547)**
Carrying amount						
At 31 December 2016	**20**	**143**	**469**	**1**	**70**	**703**
At 31 December 2015	78	205	477	31	100	891

The disposal of the EU Emissions trading certificates and the renewable obligations certificates relates to the surrender of the certificates on the settlement date for the compliance period. The licence is a licence to develop and operate a gas storage facility.

During 2016, the Group carried out an impairment review of its Gas Storage facilities at Hill Top Farm and Hole House in light of falls in weekday-weekend spreads. This led to an impairment of £30m being recognised in 2016 to bring the carrying value in line with the recoverable amount. There was also a further brand impairment of £30m recognised in 2016. See note 16 for further details.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

18. Property, plant and equipment

	Land and buildings £m	Network assets £m	Generation assets £m	Nuclear power stations £m	Other plant and equipment £m	Equipment and fittings £m	Assets in the course of construction £m	**Total £m**
Cost								
At 31 December 2014	485	21	2,990	8,742	1,080	163	1,997	**15,478**
Additions	-	-	-	-	-	-	1,217	**1,217**
Transfers	31	6	155	221	250	27	(690)	**-**
Decommissioning	-	-	1	-	-	-	-	**1**
Revaluation of final core provision	-	-	-	(120)	-	-	-	**(120)**
Disposals	-	-	-	(25)	(198)	(10)	-	**(233)**
At 31 December 2015	**516**	**27**	**3,146**	**8,818**	**1,132**	**180**	**2,524**	**16,343**
Additions	125	-	-	-	1	-	1,457	**1,583**
Transfers	1	4	104	211	212	30	(562)	**-**
Decommissioning	-	-	-	-	-	-	(6)	**(6)**
Revaluation of final core provision	-	-	-	154	-	-	-	**154**
Disposals	-	(9)	(5)	(30)	(171)	(22)	-	**(237)**
At 31 December 2016	**642**	**22**	**3,245**	**9,153**	**1,174**	**188**	**3,413**	**17,837**
Accumulated depreciation								
At 31 December 2014	(20)	(8)	(1,626)	(3,066)	(437)	(119)	-	**(5,276)**
Charge for year	(7)	(2)	(187)	(413)	(226)	(21)	-	**(856)**
Impairment	-	-	(796)	-	-	-	-	**(796)**
Disposals	-	-	-	25	198	10	-	**233**
At 31 December 2015	**(27)**	**(10)**	**(2,609)**	**(3,454)**	**(465)**	**(130)**	**-**	**(6,695)**
Charge for year	(6)	(3)	(81)	(429)	(248)	(25)	-	**(792)**
Impairment (note 15)	-	-	(5)	-	-	-	(1)	**(6)**
Disposals	-	5	3	30	170	20	-	**228**
At 31 December 2016	**(33)**	**(8)**	**(2,692)**	**(3,853)**	**(543)**	**(135)**	**(1)**	**(7,265)**
Carrying amount								
At 31 December 2016	**609**	**14**	**553**	**5,300**	**631**	**53**	**3,412**	**10,572**
At 31 December 2015	489	17	537	5,364	667	50	2,524	9,648

The carrying amount of the Group's land and buildings and generation assets include amounts in respect of assets held under finance leases of £125m (2015: £nil) and £11m (2015: £49m), respectively.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

18. Property, plant and equipment continued

During 2016, the Group carried out an impairment review of its Gas Storage facilities at Hill Top Farm and Hole House in light of falls in weekday-weekend spreads. This led to an impairment of £5m being recognised in 2016 to bring the carrying value in line with the recoverable amount. See note 16 for further details.

Assets in the course of construction mainly relate to nuclear new build activities, of which the amount capitalised in relation to Hinkley Point C is £3,059m at 31 December 2016 (2015: £2,261m). The recoverability of the balance of assets in the course of construction relating to HPC at 31 December 2016 is dependent both upon the forecast profitability of HPC, as disclosed in note 16.

19. Financial assets

	Non-Current	**Current**	Non-Current	Current
	2016 £m	**2016 £m**	2015 £m	2015 £m
Available-for-sale investments				
Interest in insurance fund	**10**	**-**	9	-
Loans receivable at amortised cost				
Loan to associates	**6**	**-**	8	-
Loan to parent company	**240**	**-**	160	-
Loan to third party	**8**	**-**	6	-
Provision against loan to third party	**(8)**	**-**	(1)	-
Deferred consideration	**104**	**-**	-	-
Total financial assets	**360**	**-**	182	-

In 2016, an additional £80m loan was granted to EDF S.A. at 1 year LIBOR less 0.05 bps in relation to the BEGG pension deficit.

Deferred consideration arose on the disposal of 33.5% of EDF Energy Holdings Limited's investment in NNB Holding Company (HPC) Limited to Sagittarius International Limited in September 2016. The deferred consideration of £109m, is expected to be received in 2019 and therefore has been discounted to its present value of £104m. A risk free discount rate of 2% has been applied as risk has already been taken into consideration when assessing the value of the HPC project.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

20. Interest in associates

Summarised financial information in respect of each of the Group's material associates is set out below. The summarised financial information below represents amounts in associates' financial statements prepared in accordance with IFRS.

	Fallago Rig Windfarm Limited	
	2016 £m	2015 £m
Non-current assets	**132**	140
Current assets	**25**	21
Non-current liabilities	**(13)**	(7)
Current liabilities	**(7)**	(5)
Net assets	**137**	149
Equity attributable to owners of the company	**123**	134
Non-controlling interest – Group share of equity	**14**	15
Sales	**35**	42
Profit for the year	**9**	22
Group's share of profit for the year	**1**	2
Dividend received from associate during the year	**4**	3

Reconciliation of the above summarised financial information to the carrying amount of the interest in associates recognised in the consolidated financial statements:

	Fallago Rig Windfarm Limited	
	2016 £m	2015 £m
Net assets of associate	**137**	149
Group's ownership interest	**14**	15
Goodwill	**17**	17
Carrying amount of the Group's interest	**31**	32

Aggregate information of associates that are not individually material:

	2016 £m	2015 £m
The Group's share of profit / (loss) from operations	**6**	(1)
Impairment of associates	**-**	(7)
Aggregate carrying amount of the Group's interest in associates	**24**	14

Total of all associate balances:

	2016 £m	2015 £m
The Group's share of profit / (loss) from operations	**7**	(6)
Aggregate carrying amount of the Group's interest in associates	**55**	46

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

20. Interest in associates continued

Details of the Group's associates at 31 December 2016 are as follows:

Name of associate	Place of incorporation and operation	Proportion of ownership of ordinary shares %	Proportion of voting power held %	Type
Scintilla Re[1]	Luxembourg	20.0%	20.0%	Associate
Navitus Bay Development Limited[2]	United Kingdom	25.5%	25.5%	Associate
Stornoway Wind Farm Limited[3]	United Kingdom	25.0%	25.0%	Associate
Fallago Rig Windfarm Limited[3]	United Kingdom	10.0%	10.0%	Associate
Green Rigg Windfarm Limited[4]	United Kingdom	10.0%	10.0%	Associate
Rusholme Windfarm Limited[4]	United Kingdom	10.0%	10.0%	Associate
Glass Moor II Windfarm Limited[4]	United Kingdom	10.0%	10.0%	Associate
EDF Energy Services Limited	United Kingdom	50.0%	49.0%	Associate
The Barkantine Heat and Power Company Limited	United Kingdom	50.0%	49.0%	Associate
Bradwell Power Holding Company Limited[5]	United Kingdom	33.5%	33.5%	Associate
Bradwell Power Generation Company Limited[5]	United Kingdom	33.5%	33.5%	Associate
General Nuclear System Limited[5]	United Kingdom	33.5%	33.5%	Associate

(1) Registered Address: 534 Rue De Neudorf L-2220 Luxembourg

(2) Registered Address: The Exchange, 5 Bank Street, Bury, Lancashire, England, BL9 0DN

(3) Registered Address: EDF Energy, Gso Business Park, East Kilbride, Scotland, G74 5PG

(4) Registered Address: Squire Patton Boggs (Uk) Llp (Ref:Csu) Rutland House, 148 Edmund Street, Birmingham, West Midlands, B3 2JR

(5) Registered Address: First Floor, Stratton House 5 Stratton Street, Mayfair, London, United Kingdom, W1J 8LA

Unless stated otherwise, the registered address of the subsidiary undertakings listed above is 40 Grosvenor Place, Victoria, London, England, England, SW1X 7EN

The associates are all held indirectly and included within these consolidated accounts.

Fallago Rig Windfarm Limited has a reporting date of 30 June. The financial information presented in these financial statements are aligned with the Group's financial year.

In 2015, an impairment of £7m was recognised against Navitus Bay included in investments in associates.

During 2015, the majority shareholder of Barking Power Limited negotiated to buy the shares belonging to the third shareholder, which triggered the right for the Group to also sell its shares on the same basis. This valued the EDF Energy stake at £10.8m. The Group sold its shares in Barking Power Limited to ATCO Power Generation Limited on 9 March 2016. The sale proceeds were equal to the net assets sold and therefore there was no gain or loss on disposal.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

21. Interests in joint operations

The Group has the following interests in joint operations at 31 December 2016:

Name of joint operation	Place of incorporation and operation	Proportion of ownership of ordinary shares %	Proportion of voting power held %
EDF Energy Renewables Limited (*)	United Kingdom	50.0%	50.0%
Fallago Rig II Windfarm Limited(*)	United Kingdom	50.0%	50.0%
Braemore Wood Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Royal Oak Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Bicker Fen Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Burnfoot Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Fairfield Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Boundary Lane Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Walkway Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Teesside Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Longpark Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Roade Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Burnhead Moss Wind Farm Limited (*)	United Kingdom	50.0%	50.0%
EDF Energy Renewables Holdings Limited (*)	United Kingdom	50.0%	50.0%
Barmoor Wind Power Limited (*)	United Kingdom	50.0%	50.0%
Park Spring Wind Farm Limited (*)	United Kingdom	50.0%	50.0%
Corriemoillie Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Dorenell Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Beck Burn Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Pearie Law Windfarm Limited (*)	United Kingdom	50.0%	50.0%
EDF EN Services UK Limited (*)	United Kingdom	50.0%	50.0%
Fenland Windfarms Limited (*)	United Kingdom	50.0%	50.0%
Cemmaes Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Llangwyryfon Windfarm Limited (*)	United Kingdom	50.0%	50.0%
Great Orton Windfarm II Limited (*)	United Kingdom	50.0%	50.0%
Cold Northcott Windfarm Limited (*)	United Kingdom	50.0%	50.0%
First Windfarm Holdings Limited (*)	United Kingdom	50.0%	50.0%
High Hedley Hope Wind Limited (*)	United Kingdom	50.0%	50.0%
Cumbria Wind Farms Limited (*)	United Kingdom	50.0%	50.0%
Red Tile Wind Limited (*)	United Kingdom	50.0%	50.0%
Round 3 Isle of Wight Limited (*)	United Kingdom	51.0%	51.0%
Kirkheaton Wind Limited (*)	United Kingdom	37.5%	37.5%

(*) Joint operation with EDF Énergies Nouvelles, another subsidiary of EDF S.A.

All joint operations listed above are registered at 40 Grosvenor Place, Victoria, London, England, England, SW1X 7EN

The joint operations are all included within these consolidated accounts on a proportional consolidation basis.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

21. Interests in joint operations continued

The share of the assets, liabilities, revenue and expenses of the joint operations which are included in the consolidated financial statements are as follows:

	2016 £m	2015 £m
Non-current assets	**385**	372
Current assets	**49**	60
Total assets	**434**	432
Non-current liabilities	**(245)**	(191)
Current liabilities	**(41)**	(97)
Net assets	**148**	144
Revenue	**55**	47
Administrative expenses	**(46)**	(33)
Finance income/(costs)	**8**	(12)
Profit before income tax	**17**	2
Income tax credit/(charge)	**(1)**	-
Net profit	**16**	2

22. NLF and nuclear liabilities receivable

	2016 £m	2015 £m
Non current assets		
Nuclear liabilities receivable	**887**	1,002
NLF receivable	**6,337**	5,337
Total non current NLF and nuclear liabilities receivables	**7,224**	6,339
Current assets		
Nuclear liabilities receivable	**187**	199
NLF receivable	**75**	112
Total current NLF and nuclear liabilities receivables	**262**	311
Total NLF and nuclear liabilities receivables	**7,486**	6,650

The NLF receivable asset represents amounts that will be reimbursed by the NLF in respect of the qualifying nuclear liabilities recognised at the balance sheet date.

The nuclear liabilities receivable asset represents amounts due under the historical British Nuclear Fuels Limited contracts which will be reimbursed by the Government.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

23. Inventories

	2016 £m	2015 £m
Raw materials and consumables	**391**	394
Unburnt nuclear fuel	**1,666**	1,635
Other nuclear fuel and uranium	**314**	297
Work in progress	**9**	10
	2,380	2,336

24. Trade and other receivables

	2016 £m	2015 £m
Trade receivables (i)	**917**	980
Allowance for doubtful debts (ii)	**(109)**	(136)
Unbilled revenue	**436**	436
Other debtors	**59**	94
Advance payments	**83**	65
	1,386	1,439

i. The majority of trade receivables are non-interest bearing and are generally on 14-day terms for residential customers. Interest is applied to major accounts when the accounts become overdue. For further information relating to related party receivables, refer to note 42. The Directors consider that the carrying amount of trade and other receivables approximates to their fair value.

ii. Movement in the allowance for doubtful debts:

	2016 £m	2015 £m
At 1 January	**136**	163
Amounts recovered during the year	**(1)**	(1)
Decrease in allowance recognised in the income statement	**(26)**	(26)
At 31 December	**109**	136

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

24. Trade and other receivables continued

The ageing of overdue debt is as follow:

2016

Ageing	Gross trade receivables overdue £m	Allowance for doubtful debts £m	Net trade receivables overdue £m	Weighted average days
< 30 days	84	-	84	1
31-60 days	43	-	43	-
61-90 days	33	-	33	-
> 90 days	502	(109)	393	510
Total	**662**	**(109)**	**553**	**511**

2015

Ageing	Gross trade receivables overdue £m	Allowance for doubtful debts £m	Net trade receivables overdue £m	Weighted average days
< 30 days	94	-	94	1
31-60 days	51	-	51	1
61-91 days	37	-	37	1
> 90 days	480	(136)	344	415
Total	**662**	**(136)**	**526**	**418**

Provisions have been established against these balances to the extent that they are not considered recoverable, and in accordance with the Group's policy on bad debt provisioning. See note 1 for further details on bad debt provisions and credit risks.

25. Cash and cash equivalents

	2016 £m	2015 £m
Cash at bank and in hand	**161**	76
Short-term deposits	**11**	10
Short-term deposit with intermediate parent company	**300**	400
Cash pooling with intermediate parent company	**1,257**	1,303
	1,729	1,789

Cash at bank and in hand earns interest at floating rates based on daily bank deposit rates. Short-term deposits are made for varying periods up to 12 months, depending on the immediate cash requirements of the Group, and earn interest at the respective short-term deposit rates. The fair value of cash and cash equivalents is £1,729m (2015: £1,789m). EDF Energy plc, a subsidiary of the Group operates a cash concentration arrangement which physically offsets cash balances and overdrafts between subsidiary companies.

The Group cash balance includes £10m (2015: £21m) of cash which must be maintained as a minimum cash balance in some entities, in accordance with contractual obligations with financial institutions.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

26. Other liabilities

	2016 £m	2015 £m
Trade creditors	**942**	1,202
Other payables	**202**	172
Accruals	**590**	580
NLF liabilities	**11**	12
Nuclear liabilities (note 30)	**187**	199
Total other liabilities due within one year	**1,932**	2,165
Contingent consideration	**3**	39
Nuclear liabilities (note 30)	**887**	1,002
NLF liabilities	**102**	103
Unfunded pension scheme	**14**	12
Total other liabilities due after more than one year	**1,006**	1,156
Total other liabilities	**2,938**	3,321

Trade creditors are non-interest bearing and are normally settled on 30 to 60-day terms, with the exception of energy purchases which are usually settled on market terms within 14 days. Other payables are non-interest bearing. The Directors consider that the carrying amount of other liabilities approximates to their fair value

The contingent consideration in 2015 relates to the CVRs which were issued to Barclays Bank plc, who in turn issued Nuclear Power Notes to subscribing ex-shareholders of EDF Energy Nuclear Generation Group Ltd. They are measured at fair value, with any resulting gain or loss recognised against the goodwill associated with the acquisition.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

27. Borrowings

	2016 £m	2015 £m
EDF Energy Renewables (i)	**11**	11
£500m bank loan due December 2016 (ii)	**-**	500
Total borrowings due within one year	**11**	511
€800m Eurobond due June 2023 (iii)	**685**	587
EDF Energy Renewables (i)	**114**	123
Total borrowings due within more than one year	**799**	710
Total borrowings	**810**	1,221

All borrowings are denominated in sterling and valued at amortised cost unless otherwise stated. With the exception of the EDF Energy Renewables borrowings, the borrowings are unsecured, see below.

(i) The renewable joint operation companies use loans in order to finance their investment in new windfarms. These loans have maturity dates between 2021 and 2031 and are a mix of both floating and fixed rate instruments. The interest payable on these loans is based on LIBOR 6 months plus margins between 1.4% and 3.3% for the floating rate instruments and between 5.7% and 6.7% for the fixed rate loans.

(ii) The £500m facility agreement was put in place with Lloyds Bank plc as part of the UK Government Lending Scheme on 19 December 2013. It was drawn in full on 20 December 2013 and paid an interest rate of LIBOR 3 months plus margin 0.2%. The loan originally matured in July 2015, however it had an option to extend for a further 17 months, which was executed in December 2014. The loan matured and was repaid in full on 19 December 2016.

(iii) On 27 June 2013 a ten year Eurobond was entered into for €800m with fixed interest rate of 2.8% which was subsequently swapped into a sterling bond of £684m with fixed interest payable at 3.6%. The bond is carried at the sterling equivalent of €800m at the balance sheet date.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

28. Derivative financial instruments

	2016 £m	2015 £m
Current		
Derivatives that are designated as hedging instruments in a cash flow hedge:		
Commodity purchase contracts	**(238)**	103
Interest rate swap contracts	**(4)**	(3)
Foreign currency forward contracts	**6**	-
Derivatives at fair value through profit and loss (FVTPL):		
Commodity purchase contracts	**17**	(9)
Foreign currency forward contracts	**6**	6
Total current derivative financial instruments	**(213)**	97
Split by:		
Current assets	**125**	331
Current liabilities	**(338)**	(234)
Non-current		
Derivatives that are designated as hedging instruments in a cash flow hedge:		
Commodity purchase contracts	**(159)**	66
Interest rate swap contracts	**-**	(1)
Cross-currency interest rate swaps	**20**	(78)
Foreign currency forward contracts	**3**	-
Derivatives at fair value through profit and loss (FVTPL):		
Commodity purchase contracts	**(54)**	(18)
Foreign currency forward contracts	**2**	1
Total non-current derivative financial instruments	**(188)**	(30)
Split by:		
Non-current assets	**58**	121
Non-current liabilities	**(246)**	(151)
Total derivative financial instruments	**(401)**	67

Further details of derivative financial instruments are provided in note 41. The change in fair value of derivatives related to commodity purchases classified at fair value through the income statement is separately disclosed on the face of the consolidated income statement.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

29. Provisions for liabilities

The movements in provisions during the current year are as follows:

	At 31 December 2015	Utilised in the year	Released in the year	Arising during the year	Unwinding of discount	**At 31 December 2016**
	£m	£m	£m	£m	£m	**£m**
Obligations under EU emissions	77	(77)	-	21	-	**21**
Renewable obligation certificates	406	(563)	(2)	631	-	**472**
Decommissioning on non-nuclear assets	72	-	-	2	2	**76**
Restructuring costs	46	(19)	-	10	-	**37**
Nuclear (note 30)	5,404	(50)	-	778	259	**6,391**
Provision for unburnt fuel at station closure	966	-	-	154	55	**1,175**
Other costs	11	(1)	(1)	1	-	**10**
	6,982	(710)	(3)	1,597	316	**8,182**

The provisions have been split as follows:

	At 31 December 2016			At 31 December 2015		
	Current	**Non-current**	**Total**	Current	Non-current	Total
	£m	**£m**	**£m**	£m	£m	£m
Obligations under EU emissions	**21**	**-**	**21**	77	-	77
Renewable obligation certificates	**472**	**-**	**472**	406	-	406
Decommissioning on non-nuclear assets	**-**	**76**	**76**	-	72	72
Restructuring	**15**	**22**	**37**	15	31	46
Nuclear	**-**	**6,391**	**6,391**	-	5,404	5,404
Provision for unburnt fuel at station closure	**-**	**1,175**	**1,175**	-	966	966
Other provisions	**10**	**-**	**10**	11	-	11
	518	**7,664**	**8,182**	509	6,473	6,982

The provisions for obligations under EU emissions represent the additional certificates required to cover the Group's carbon emissions. It is expected that this provision will be utilised in 2017 because the Group is required to provide carbon certificates on an annual basis.

The provision for renewable obligations certificates represents the additional certificates required to cover the Group's obligations to supply its customers with certain amounts of electricity which have been generated from renewable energy sources. This provision will be utilised in 2017.

The decommissioning provision is to provide for the future costs of decommissioning the non-nuclear generation assets including Cottam and West Burton power stations, and the wind farm assets. This provision has been calculated on a discounted basis with the discount unwound over the current remaining period to decommissioning, between 2019 and 2035. See note 30 for further information relating to the nuclear liability provisions.

The restructuring provision covers the costs of severance related to restructuring which has been announced to impacted employees. It is expected to be utilised in 2017 and 2018. See note 11 for further information.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

29. Provisions for liabilities continued

Due to the nature of the nuclear fuel process there will be some unburnt fuel in the reactors at station closure. The costs of this unburnt fuel (final core) are fully provided for at the balance sheet date. The provision is based on a projected value per tonne of fuel remaining at closure, discounted back to the balance sheet date and recorded as a long term provision. Any adjustment to the provision is recorded through property, plant and equipment and depreciated over remaining station life.

For details on the nuclear liabilities, see note 30.

30. Nuclear liabilities

Restructuring Agreements were originally entered into on 14 January 2005 as part of the restructuring of the former British Energy Group of companies (hereafter referred to as “the EDF Energy Nuclear Generation Group”) carried out from 2002 under the authority of the UK Government in order to stabilise the financial situation of the EDF Energy Nuclear Generation Group.

By virtue of these restructuring agreements:

- the Nuclear Liabilities Fund (“NLF”), an independent trust set up by the UK Government as part of the restructuring, agreed (at the direction of the Secretary of State) to fund, to the extent of its assets: (i) qualifying uncontracted nuclear liabilities (including liabilities in connection with the management of spent fuel at the Sizewell B power station); and (ii) qualifying costs of decommissioning in relation to the existing nuclear power stations owned and operated by EDF Energy Nuclear Generation Limited;
- the Secretary of State agreed to fund: (i) qualifying uncontracted nuclear liabilities (including liabilities in connection with the management of spent fuel at the Sizewell B power station) and qualifying costs of decommissioning, in each case in relation to the existing nuclear power stations owned and operated by EDF Energy Nuclear Generation Limited, to the extent that they exceed the assets of NLF; and (ii) subject to a cap of £2,185 million (in December 2002 monetary values, adjusted accordingly), qualifying contracted liabilities for the EDF Energy Nuclear Generation Group’s spent fuel (including in particular liabilities for management of AGR waste from spent fuel loaded prior to 15 January 2005); and
- EDF Group is responsible for funding certain excluded or disqualified liabilities (mainly liabilities incurred in connection with an unsafe or careless operation of the power stations) and the potential associated obligations of its subsidiaries to the NLF and the Secretary of State are guaranteed by the principal members of the EDF Energy Nuclear Generation Group.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

30. Nuclear liabilities continued

	Spent fuel £m	Radioactive waste £m	Decommissioning £m	Total £m
At 31 December 2014	1,654	918	4,104	**6,676**
Charged to the income statement:				
- Unwinding of the discount	50	25	103	**178**
- Updated cashflows	22	-	-	**22**
- Operating costs	5	3	-	**8**
Payments in the period	(279)	-	-	**(279)**
At 31 December 2015	1,452	946	4,207	**6,605**
Charged to the income statement:				
- Unwinding of the discount	83	35	206	**324**
- Updated cashflows	195	(363)	467	**299**
- Discount rate update	37	139	308	**484**
- Operating costs	7	3	-	**10**
Payments in the period	(257)	-	-	**(257)**
At 31 December 2016	1,517	760	5,188	**7,465**

Nuclear liabilities are included in the balance sheet as follows:

	2016 £m	2015 £m
Other liabilities:		
- amounts due within one year (note 26)	**187**	199
- amounts due after more than one year (note 26)	**887**	1,002
Provision for liabilities (see note 29)	**6,391**	5,404
	7,465	6,605

Spent fuel
Spent fuel represents all costs associated with the ongoing storage and treatment of spent fuel and the products of reprocessing. Cash flows for AGR spent fuel services relating to fuel loaded into reactors up to RED are based on the terms of the Historic Liability Funding Agreement (HLFA) with BNFL. The pattern of payments within the HLFA is fixed (subject to indexation by RPI) at RED and will be funded by the Government under the Government indemnity.

Other cash flows in respect of spent fuel services relating to storage of AGR and PWR fuel are based on cost estimates derived from the latest technical assessments and are funded by the NLF.

Radioactive waste
Radioactive waste comprises the provision of services relating to the transport and disposal of waste arising from the decommissioning of PWR and AGR stations, and the transport and disposal of spent fuel and associated wastes. These liabilities are derived from the latest technical estimates and are funded by the NLF.

Decommissioning
The costs of decommissioning the power stations have been estimated on the basis of ongoing technical assessments of the processes and methods likely to be used for decommissioning under the current regulatory regime. The estimates are designed to reflect the costs of making the sites of the power stations available for alternative use in accordance with the Group's decommissioning strategy. These liabilities are also funded by the NLF.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

30. Nuclear liabilities continued

Updated cost estimates
During 2015, nuclear liabilities increased by £22m, reflecting latest available scope and schedule information regarding the Sizewell Dry Fuel Store project.

During 2016, nuclear liabilities increased by £299m, reflecting latest cost estimates of the management of spent fuel and radioactive waste and of the deconstruction and decommissioning of the nuclear stations.

Updated discount rate applicable to nuclear liabilities

During 2016, nuclear liabilities increased by £484m due to an update to the discount rate used in the present value calculation of the liabilities, following an assessment of long-term bond yield and inflationary assumptions. The revised discount rate as at December 2016 is 2.7% pre-tax real (2015: 3% pre-tax real).

Projected payment details
Based on current estimates of station lives and lifetime output projections, the following table shows, in current prices, the likely undiscounted payments, the equivalent sums discounted to reflect the time value of money and the amounts accrued to date.

	Spent fuel £m	**Radioactive waste £m**	**Decomm-issioning £m**	**2016 Total £m**	2015 Total £m
Undiscounted	2,655	4,560	13,530	**20,745**	20,706
Discounted	1,645	804	5,188	**7,637**	6,710
Accrued to date	1,517	760	5,188	**7,465**	6,605

The difference between the undiscounted and discounted amounts reflect the fact that the costs concerned will not fall due for payment for a number of years. The differences between the discounted amounts and those accrued to date will be charged to the income statement over the remaining station lives since they relate to future use of fuel. A discount rate of 2.7% pre-tax real rate was applied during 2016, and a pre-tax real rate of 3.0% was applied during 2015.

Under the terms of the historical contracts with BNFL referred to above and in accordance with the projected pattern of payments for decommissioning and other liabilities, taking account of the decommissioning fund arrangements described in note 2, the undiscounted payments in current prices are expected to become payable as follows:

	Spent fuel £m	**Radioactive waste £m**	**Decomm-issioning £m**	**2016 Total £m**	2015 Total £m
Within five years	801	1	149	**951**	968
6 – 10 years	514	4	1,404	**1,922**	1,318
11 – 25 years	505	235	4,438	**5,178**	5,042
26 – 50 years	114	343	1,363	**1,820**	1,970
51 years and over	721	3,977	6,176	**10,874**	11,408
	2,655	4,560	13,530	**20,745**	20,706

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

31. Deferred tax

As disclosed in 12 (b), the accounting profit is adjusted for permanent differences and temporary differences in order to calculate the corporation tax charge disclosed in the accounts. Temporary differences arise due to a difference in the carrying amount that an asset or liability is recognised at under accounting standards compared to the carrying amount for tax purposes. Deferred tax is recognised on the difference. The difference for each asset or liability varies over time and at some point in the future there will be no difference. The increase/reduction in the difference between the end of this financial year and the previous financial year is taken to the income statement or equity as a deferred tax charge/credit. Due to accounting standards, deferred tax has to be recognised on items that are disclosed in the accounts but that do not impact the Group's cash tax paid to HMRC, such as fair value adjustments booked on the acquisition of businesses.

The following are the major deferred tax (liabilities) and assets recognised by the Group and movements thereon during the current and prior reporting period:

	Accelerated tax depreciation £m	Retirement benefit obligations £m	Fair value of derivative instruments £m	Other £m	**Total £m**
At 31 December 2014	(1,354)	41	6	(7)	(1,314)
Credit/(charge) to income:					
○ current year	147	(15)	-	14	**146**
○ adjustments in respect of previous years' reported tax charges	-	-	-	(1)	**(1)**
○ effect of decreased tax rate on opening liability	115	(1)	-	1	**115**
(Charge) to equity					
○ current year	-	(15)	(42)	-	**(57)**
○ adjustments in respect of previous years' reported tax charges	-	-	-	-	**-**
○ effect of decreased tax rate on opening liability	-	(3)	-	-	**(3)**
At 31 December 2015	**(1,092)**	**7**	**(36)**	**7**	**(1,114)**
Credit/(charge) to income:					
○ current year	24	(2)	1	5	**28**
○ adjustments in respect of previous years' reported tax charges	(11)		-	(2)	**(13)**
○ effect of decreased tax rate on opening liability	54	-	1	-	**55**
Credit / (charge) to equity					
○ current year		(58)	90		**32**
At 31 December 2016	**(1,025)**	**(53)**	**56**	**10**	**(1,012)**

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

31. Deferred tax continued

The Group has unrecognised tax losses of £8m (2015: £10m). The losses give rise to a deferred tax asset of £1m (2015: £2m) which has not been recognised as it is uncertain whether future taxable profits will be available against which these losses can be utilised. These losses can however be carried forward indefinitely for offset against future profits, should they arise.

All deferred tax assets and liabilities have been offset since there is considered to be a legally enforceable right to do so. The following is the analysis of the deferred tax balances (before offset) for financial reporting purposes:

	2016	2015
	£m	£m
Deferred tax assets	**69**	14
Deferred tax liabilities	**(1,081)**	(1,128)
At 31 December	**(1,012)**	(1,114)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

32. Non-controlling interest

Following the disposal of non-controlling interests in NNB Holding Company (HPC) Limited and NNB Holdings Company (SZC) Limited to CGN in September 2016 there are three material non-controlling interest in the Group. Lake Acquisitions Limited and NNB Holding Company (SZC) Limited are 80% owned by the Group. NNB Holding Company (HPC) Limited is 66.5% owned by the Group. Ownership percentages also reflect the voting rights. The principal activities of the aforementioned companies take place in the United Kingdom.

Summarised consolidated financial information in respect of Lake Acquisitions Limited, NNB Holding Company (HPC) Limited, NNB Holding Company (SZC) Limited and their subsidiaries is set out below. The summarised financial information below represents amounts before intra-group eliminations with the rest of the Group.

	Lake Acquisitions Limited		**NNB Holding Company (HPC) Limited**		**NNB Holding Company (SZC) Limited**	
	2016	2015	**2016**	2015	**2016**	2015
	£m	£m	**£m**	£m	**£m**	£m
Non-current assets	**18,731**	18,117	**3,226**	-	**93**	-
Current assets	**2,847**	2,723	**341**	-	**22**	-
Total assets	**21,578**	20,840	**3,567**	-	**115**	-
Current liabilities	**235**	821	**217**	-	**5**	-
Non-current liabilities	**9,468**	8,405	**199**	-	**-**	-
Equity attributable to owners of the company	**11,875**	11,614	**3,151**	-	**110**	-
Total equity and liabilities	**21,578**	20,840	**3,567**	-	**115**	-
Sales	**3,116**	3,220	**2**	-	**-**	-
Profit/(loss) for the year	**535**	758	**(9)**	-	**-**	-
Profit attributable to owners of the company	**428**	606	**(9)**	-	**-**	-
Profit attributable to the non-controlling interests	**107**	152	**-**	-	**-**	-
Profit for the year	**535**	758	**(9)**	-	**-**	-
Total other comprehensive income attributable to owners of the company	**220**	(4)	-	-	-	-
Total other comprehensive income attributable to the non-controlling interests	**55**	(1)	-	-	-	-
Total other comprehensive income for the year	**275**	(5)	-	-	-	-
Dividends paid to non-controlling interest	**(110)**	(166)	**-**	-	**-**	-
Net cash inflow/(outflow) from operating activities	**1,061**	1,202	**(2)**	-	**(1)**	-
Net cash inflow/(outflow) from investing activities	**(423)**	(411)	**(958)**	-	**52**	-
Net cash inflow/(outflow) from financing activities	**(550)**	(830)	**578**	-	**-**	-
Net cash inflow/(outflow)	**(88)**	(39)	**(382)**	-	**51**	-

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

32. Non-controlling interest continued

The cumulative non-controlling interest position for the Group is shown below:

	Lake Acquisitions Limited		NNB Holding Company (HPC) Limited		NNB Holding Company (SZC) Limited		Total	
	2016 £m	2015 £m	**2016 £m**	2015 £m	**2016 £m**	2015 £m	**2016 £m**	2015 £m
Balance at beginning of year	**2,325**	2,338	**-**	-	**-**	-	**2,325**	2,338
Profit arising during the year	**107**	152	**-**	-	**-**	-	**107**	152
Other comprehensive income: actuarial gains on pension scheme, net of tax	**55**	1	**-**	-	**-**	-	**55**	1
Total comprehensive income	**162**	153	**-**	-	**-**	-	**162**	153
Acquisition of non-controlling interest	**-**	-	**1,063**	-	**237**	-	**1,300**	-
Capital injection	**-**	-	**402**	-	**19**	-	**421**	-
Dividends paid	**(110)**	(166)	**-**	-	**-**	-	**(110)**	(166)
Balance at end of year	**2,377**	2,325	**1,465**	-	**256**	-	**4,098**	2,325

The final agreements concerning Hinkley Point C were signed on 29 September 2016 following the final investment decision authorized by EDF's board of directors on 28 July 2016.

The agreements signed notably led to the partial sale by EDF to CGN of Hinkley Point C (33.5%) and Sizewell C (20%). As these are non-controlling interests, Hinkley Point C and Sizewell C remain fully consolidated and the operation has no impact on net income. This operation had an impact of (£472)m on EDF's share of equity and £1,300m on the non-controlling interests' share of equity. These amounts comprise the reallocation to non-controlling interests of part of the goodwill of EDF Energy, which was essentially recognised when the Group took over British Energy in 2009.

The amount received in 2016 for these sales was £746m, with an additional deferred premium of £109m, expected to be receivable in 2019. CGN also participated to the extent of its ownership interest in the capital increases undertaken by Hinkley Point C and Sizewell C after these operations, in the total amount of £421m.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

33. Commitments

Capital and other commitments

At 31 December 2016, the Group had entered into contractual commitments for the acquisition of property, plant and equipment amounting to £5,998m (2015: £687m).

At 31 December 2016, the Group had contracted to purchase power, gas and other fuel to the value of £3,110m (2015: £2,982m).

Operating lease commitments given

Future minimum rentals payable under non-cancellable operating leases relating to land and buildings as at 31 December are as follows:

	2016 £m	2015 £m
Within one year	**18**	17
After one year but not more than five years	**65**	62
More than five years	**95**	90
Future lease charges	**178**	169

Finance lease commitments

The Group has finance leases for various items of property, plant and machinery. Future minimum lease payments under finance leases together with the present value of the net minimum lease payments are as follows:

	Minimum lease payments		**Present value of minimum lease payments**	
	2016 £m	2015 £m	**2016 £m**	2015 £m
Within one year	**46**	32	**33**	30
After one year but not more than five years	**156**	143	**108**	131
More than five years	**231**	-	**118**	-
	433	175	**259**	161
Less: future finance charges	**(174)**	(14)		
Present value of minimum lease payments	**259**	161		

The Group's finance lease commitments relate to the Cottam Power Station and land at the HPC Development Site.

Cottam Power Station is accounted for as a finance lease with another company within the EDF S.A. group. The term ends in 2020 (with an option to extend) and had an effective interest rate of 1.6% per quarter at inception. Repayments under the lease are re-calculated quarterly. Contingent rental payments of £5m (2015: £6m) were paid in the year. The lease is denominated in sterling, and there are no restrictions attached to this lease arrangement.

The land at the HPC Development Site is accounted for as a finance lease with another company within the EDF S.A. group. The term ends in 2041 and had an effective interest rate of 8.8% per annum at inception. Repayments under the lease are re-calculated annually and no arrangements have been entered into for contingent rental payments. The lease is denominated in sterling, and there are no restrictions attached to this lease arrangement.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

33. Commitments continued

Contingent liabilities

The Group has given letters of credit and guarantees to the value of £509m (2015: £314m) in relation to HMRC obligations, BEGG pension guarantees, performance of contractual obligations and credit support for energy trading and use of distribution systems. Various companies within the Group have given guarantees and an indemnity to the Secretary of State for Business, Innovation and Skills, and the Nuclear Liabilities Fund in respect of their compliance with, among other agreements, the Nuclear Liabilities Funding Agreement. They have also provided a debenture comprising fixed and floating charges in respect of any decommissioning default payment.

34. Share capital

Authorised, issued, called up and fully paid	**2016**	2015	**2016**	2015
	Number	Number	**£m**	£m
Ordinary shares of £1.00 each	**8,381,442,467**	13,913,777,252	**8,382**	13,914

During 2016, 195,000,000 shares were issued at par for consideration of £195m. On 22 December 2016, the Company undertook a capital reduction which resulted in £5,727m of share capital and £273m of share premium becoming distributable reserves.

35. Capital reserves

	Share premium £m	**Capital reserve £m**	**Total £m**
At 31 December 2015	273	9	**282**
Capital reduction	(273)	-	**(273)**
At 31 December 2016	-	9	**9**

The capital reserve relates to share schemes which gave eligible employees the rights to purchase shares in EDF S.A., the ultimate parent company, on preferential terms. There have been no new schemes launched since 2008.

On 22 December 2016, the Company undertook a capital reduction which resulted in £5,727m of share capital and £273m of share premium becoming distributable reserves.

36. Merger reserve

	2016 £m	2015 £m
At 31 December 2015	**(2)**	(2)
At 31 December 2016	**(2)**	(2)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

36. Merger reserve continued

The merger reserve arose during 2014 when the Group carried out restructures to bring UK renewable assets under EDF Energy Renewables and all gas storage assets under the same entity. This resulted in the recognition of a merger reserve as all entities were under common control.

37. Retained earnings

	2016 £m	2015 £m
Balance at start of year	**229**	702
Profit/(loss) for the year attributable to the equity holders of the parent	**186**	(306)
Dividends paid to parent company	**(242)**	(189)
Capital reduction	**6,000**	-
Disposal of non-controlling interest	**(472)**	-
Actuarial gains, net of tax	**166**	24
Gains on available-for-sale investments	**1**	(2)
Balance at end of year	**5,868**	229

38. Hedging reserve

	2016 £m	2015 £m
Balance at start of year	**139**	(45)
Net gains/(losses) arising on changes in fair value of instruments in a cash flow hedge:		
Commodity purchase contracts	**210**	(82)
Cross currency interest rate swaps	**-**	(2)
Foreign currency forward contracts	**14**	16
Interest rate swap contracts	**3**	3
Net gains/(losses) arising on changes in fair value of hedging instruments transferred to profit or loss:		
Commodity purchase contracts	**(734)**	299
Foreign currency forward contracts	**(7)**	(8)
Deferred tax on net losses in cash flow hedge	**91**	(42)
Total movement in year	**(423)**	184
Balance at end of year	**(284)**	139

The hedging reserve represents the cumulative effective portion of gains or losses arising on changes in the fair value of hedging instruments designated as cash flow hedges. The cumulative gain or loss arising on changes in fair value of the hedging instruments that are recognised and accumulated under the heading of cash flow hedging reserve will be re-classified to profit or loss account only when the hedged transaction affects the profit or loss, or included as a basis adjustment to the non-financial hedged item in accordance with the Group's accounting policy.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

38. Hedging reserve continued

The maturity analysis of the amounts included within the hedging reserve is as follows:

	31 December 2016 £m	31 December 2015 £m
Less than one year	**(231)**	85
Between one to five years	**(130)**	68
More than five years	**17**	17
Total fair value losses on derivatives designated as effective cash flow hedges	**(344)**	170
Deferred taxation	**60**	(31)
Total	**(284)**	139

During the year a loss of £741m (2015: £291m) was recycled from the hedging reserve and included within fuel, energy and related purchases, in relation to contracts which had matured.

39. Notes to the cash flow statement

	2016 £m	2015 £m
Profit before taxation	**305**	(296)
Adjustments for:		
Loss on derivatives (note 5)	**53**	33
Share of (gain)/loss of associates	**(7)**	6
Depreciation (note 18)	**792**	856
Amortisation (note 17)	**85**	73
Impairment of non-current assets (note 16)	**66**	896
Utilisation of carbon and renewable obligations certificates	**641**	624
Finance costs	**95**	128
Increase in provisions	**-**	9
Decrease in post-employment benefits provision	**(19)**	(84)
Release of fair value adjustments on inventory	**26**	45
Operating cash flows before movements in working capital	**2,037**	2,290
Increase in inventories	**(70)**	(33)
Decrease in receivables	**31**	86
Decrease in payables	**(368)**	(129)
Cash generated by operations	**1,630**	2,214
Pension deficit payment	**(72)**	(55)
Income taxes paid	**(115)**	(106)
Net cash from operating activities	**1,443**	2,053

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

39. Notes to the cash flow statement continued

A reconciliation of the "income taxes" paid is shown below:

	2016 £m	2015 £m
Corporation tax payments made in respect of the year	**(34)**	(49)
Corporation tax payments made in respect of the previous year	**(40)**	(53)
Corporation tax refunds received in respect of prior years	**11**	43
Net payments to associated EDF companies for use of tax losses	**(52)**	(47)
Total corporation tax paid by the Group	**(115)**	(106)

A reconciliation of the net payments to associated EDF companies for use of tax losses is shown below:

	2016 £m	2015 £m
In respect of the year ended 2010 – EDF Energy (UK) Ltd	**(6)**	
In respect of the year ended 2012 – EDF Energy Renewables		(2)
In respect of the year ended 2013 – EDF Energy Renewables	**(6)**	
In respect of the year ended 2014 – EDF Energy (UK) Ltd	**(4)**	(22)
In respect of the year ended 2015 – EDF Energy (UK) Ltd	**(16)**	(23)
In respect of the year ended 2016 – EDF Energy (UK) Ltd	**(20)**	
Total net payments to associated EDF companies for use of tax losses	**(52)**	(47)

EDF Energy (UK) Limited is the UK registered financing vehicle for the EDF Energy UK group. EDF Energy Renewables is a collection of UK registered joint operations with EDF EN UK Limited, also a subsidiary of EDF EN S.A..

40. Retirement benefit schemes

The Group sponsors three funded defined benefit pension schemes for qualifying UK employees - the EDF Energy Pension Scheme (EEPS), the EDF Energy Generation & Supply Group of the Electricity Supply Pension Scheme (EEGSG) and the British Energy Generation Group of the Electricity Supply Pension Scheme (BEGG). The schemes are administered by separate boards of Trustees which are legally separate from the Group. The trustees are required by law to act in the interest of all relevant beneficiaries and are responsible for the investment policy with regard to the assets plus the day-to-day administration of the benefits.

During 2015, the Group announced a reform of pension benefits, and, following a period of consultation, decided to introduce the changes with effect from 1 January 2016. A plan amendment gain of £112m was recognised during 2015 relating to the introduction of a cap on pensionable salary for employees above a certain salary threshold across all three schemes. In the EEPS scheme, members who are below the salary cap at 1st April 2016 will automatically be transferred out of the defined benefit section of EEPS and into a career average revalued earnings ("CARE") scheme though they could voluntarily opt back into the EEPS final salary if they wish. The introduction of CARE was subject to the approval of the trustees which occurred on 4 January 2016, and this led to an amendment gain of £33m being recognised in 2016.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

40. Retirement benefit schemes continued

Under the BEGG scheme, employees are entitled to annual pensions on retirement at ages 60, 63 or 65 (depending on the date of joining the scheme), of one-sixtieth of pensionable salary for each year of service. Under the EEGSG scheme, employees are entitled to annual pensions on retirement at age 60 or 63 (again, depending on the date of joining the scheme), of one-eightieth of final pensionable salary for each year of service plus a lump sum of three-eightieths of final pensionable salary for each year of service. Under the EEPS scheme, employees are entitled to an annual pension at age 65 of between one-fiftieth and one-eightieth (depending on their level of contribution) of final pensionable salary for each year of service. All schemes also pay benefits on death or other events such as withdrawing from active service. All benefits are ultimately paid in accordance with the scheme rules. The new CARE section of the EEPS scheme means that employees will accrue benefits based on their average salary during their period of employment within EDF Energy, rather than based on their final salary at the end of their employment. This reduction in the level of benefits to be accrued is mitigated by the fact that they will be accruing at a rate of 1/60th of their average salary based on a 5% contribution rate, rather than the 1/80th of final salary based on a 5% contribution rate under the current EEPS final salary arrangements.

The latest full actuarial valuations of the EEGSG, EEPS and BEGG were carried out by qualified actuaries at 31 March 2016. The present value of the defined benefit obligation, and the related current service cost and past service cost, were measured using the projected unit credit method.

Funding requirements

UK legislation requires that pension schemes are funded prudently.

The last funding valuations of BEGG, EEGSG and EEPS were carried out by qualified actuaries as at 31 March 2016 and showed deficits of £720m, £123m, and £46m respectively. The valuations as at 31 March 2016 are currently ongoing and are expected to be completed by the end of June 2017. The Group pays contributions to repair this deficit and contributions in respect of ongoing benefit accrual. The estimated contributions expected to be paid by the Group to the pension schemes during 2017 amount to approximately £226m.

a) Risks associated with the pension schemes

The defined benefit pension schemes typically expose the Group to actuarial risks as detailed below:

Risk of asset volatility

The pension scheme liabilities are calculated using a discount rate based on corporate bond yields. If return on assets underperforms corporate bonds, then this will lead to an increased deficit. All schemes hold a significant proportion of growth assets which would expect to outperform corporate bond yields.

Risk of changes in bond yields

A decrease in corporate bond yields will increase the value of the scheme liabilities for accounting purposes, although this would be partially offset by an increase in the value of the schemes' corporate bond holdings.

Inflation risk

The majority of the scheme's defined benefit obligations are linked to inflation and hence an increase in inflation rates will lead to an increase in liabilities. The majority of assets are unaffected or only loosely correlated with inflation and therefore an increase in inflation will increase the deficit.

Life expectancy

The majority of the scheme's obligations are to provide benefits for the life of the member, so increases in life expectancy will increase the liabilities.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

40. Retirement benefit schemes continued

b) Assumptions used in the valuation of the pension surplus

The principal financial assumptions used to calculate the pension liabilities under IAS 19 were:

	31 December 2016 % p.a	31 December 2015 % p.a
Discount rate		
- EEGSG	**2.8**	3.9
- EEPS	**2.9**	4.0
- BEGG – for service costs	**2.9**	-
– for defined benefit obligation	**2.8**	3.9
RPI inflation assumption and rate of increase in salaries		
- EEGSG	**3.1**	3.1
- EEPS	**3.1**	3.2
- BEGG	**3.1**	3.1
Rate of increase of pensions in deferment		
- EEGSG	**3.1**	3.1
- EEPS	**2.0**	2.1
- BEGG	**3.1**	3.1

The table below shows details of assumptions around mortality rates used to calculate the IAS 19 liabilities.

EEGSG	**2016**	2015
Life expectancy for current male pensioner aged 60	**28**	27
Life expectancy for current female pensioner aged 60	**30**	31
Life expectancy for future male pensioner currently aged 40 from age 60	**29**	29
Life expectancy for future female pensioner currently aged 40 from age 60	**32**	33

EEPS	**2016**	2015
Life expectancy for current male pensioner aged 65	**23**	23
Life expectancy for current female pensioner aged 65	**25**	25
Life expectancy for future male pensioner currently aged 45 from age 65	**25**	25
Life expectancy for future female pensioner currently aged 45 from age 65	**27**	27

BEGG	**2016**	2015
Life expectancy for current male pensioner aged 60	**27**	28
Life expectancy for current female pensioner aged 60	**29**	30
Life expectancy for future male pensioner currently aged 40 from age 60	**29**	30
Life expectancy for future female pensioner currently aged 40 from age 60	**31**	32

Mortality assumptions have been determined based on standard mortality tables, specifically the SAPS S2 standard tables (2015: SAPS S1 tables) with scaling factors to reflect the experience analysis carried out as part of the 31 March 2016 triennial valuations. Future improvements in mortality rates are assumed to be in line with the CMI 2015 Core Projections subject to a 1.25% long-term rate of improvement. These assumptions are governed by IAS 19 and do not reflect the assumptions used by the independent actuary in the triennial valuation as at 31 March 2016, which determined the Group's contributions for future years.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

40. Retirement benefit schemes continued

c) Financial impact of defined benefit pension schemes

The amount recognised in the consolidated balance sheet in respect of the Group's funded defined benefit retirement benefit plans is as follows:

	BEGG 2016 £m	**EEGSG 2016 £m**	**EEPS 2016 £m**	**Total 2016 £m**	Total 2015 £m
Present value of defined benefit obligations ("DBO")	**(5,931)**	**(873)**	**(795)**	**(7,599)**	(6,310)
Fair value of scheme assets	**6,382**	**906**	**630**	**7,918**	6,278
Surplus/(deficit) in scheme	**451**	**33**	**(165)**	**319**	(32)

In addition to the pension provision recognised, there is an additional amount of £14m (2015: £12m) included within other liabilities which relates to unapproved pension scheme amounts.

The costs associated with these defined benefit schemes are as follows:

	BEGG 2016 £m	**EEGSG 2016 £m**	**EEPS 2016 £m**	**Total 2016 £m**	Total 2015 £m
Current service cost	**122**	**17**	**44**	**183**	211
Interest cost on DBO	**193**	**30**	**24**	**247**	233
Interest income on scheme assets	**(193)**	**(28)**	**(20)**	**(241)**	(223)
Past service costs- amendments	**-**	**-**	**(33)**	**(33)**	(112)
Total pension costs	**122**	**19**	**15**	**156**	109

Movements in the present value of defined benefit obligations in the current year were as follows:

	BEGG 2016 £m	**EEGSG 2016 £m**	**EEPS 2016 £m**	**Total 2016 £m**	Total 2015 £m
At 1 January	**4,992**	**767**	**551**	**6,310**	6,416
Current service cost	**122**	**17**	**44**	**183**	211
Past service cost- amendments	**-**	**-**	**(33)**	**(33)**	(112)
Interest cost on DBO	**193**	**30**	**24**	**247**	233
Actuarial gains from change in demographic assumptions	**(66)**	**(7)**	**(3)**	**(76)**	-
Actuarial losses from change in financial assumptions	**990**	**138**	**228**	**1,356**	(266)
Actuarial gains from experience	**(114)**	**(47)**	**(16)**	**(177)**	25
Net benefits paid	**(189)**	**(25)**	**(7)**	**(221)**	(200)
Contributions by employees	**3**	**-**	**7**	**10**	3
At 31 December	**5,931**	**873**	**795**	**7,599**	6,310

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

40. Retirement benefit schemes continued

Movements in the fair value of scheme assets in the current year were as follows:

	BEGG 2016 £m	EEGSG 2016 £m	EEPS 2016 £m	Total 2016 £m	Total 2015 £m
At 1 January	**5,081**	**711**	**486**	**6,278**	6,223
Interest income on scheme assets	**193**	**28**	**20**	**241**	223
Actuarial (losses)/gains	**1,146**	**158**	**66**	**1,370**	(209)
Contributions by employer	**148**	**34**	**59**	**241**	238
Net benefits paid	**(189)**	**(25)**	**(7)**	**(221)**	(200)
Contributions by employees	**3**	**-**	**6**	**9**	3
At 31 December	**6,382**	**906**	**630**	**7,918**	6,278

d) Breakdown of scheme assets:

	BEGG 2016 £m	EEGSG 2016 £m	EEPS 2016 £m	Total 2016 £m	Total 2015 £m
Equities:					
Region: UK	**450**	**85**	**79**	**614**	501
Europe	**215**	**36**	**33**	**284**	261
North America	**530**	**111**	**57**	**698**	714
Asia Pacific	**84**	**37**	**19**	**140**	152
Japan	**148**	**36**	**18**	**202**	266
Emerging Markets	**155**	**46**	**32**	**233**	249
Bonds:					
Rating: AAA	**2,468**	**6**	**-**	**2,474**	1,182
AA	**52**	**167**	**84**	**303**	281
A	**94**	**30**	**7**	**131**	129
BBB	**177**	**59**	**11**	**247**	251
Non investment grade	**423**	**74**	**39**	**536**	456
Other	**323**	**22**	**39**	**384**	347
Property	**405**	**-**	**51**	**456**	444
Cash	**135**	**55**	**51**	**241**	90
Other	**723**	**142**	**110**	**975**	955
	6,382	**906**	**630**	**7,918**	6,278

The assets of the pension scheme do not include any financial instruments which have been issued by the Company nor any property or other assets which are in use by the Company in either the current or prior year.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

40. Retirement benefit schemes continued

The investment strategy is determined by the scheme trustees on a scheme by scheme basis.

BEGG and EEGSG
A review of the investment strategy was conducted as part of the 2013 valuation and was agreed in mid 2014. The assets of the scheme are now allocated in two separate portfolios referred to as the matching portfolio and the growth portfolio. Within tolerances, the matching portfolio is supported by 25% of scheme assets while 75% of the assets are deployed in the growth portfolio. The matching portfolio now delivers interest rate and inflation hedging of 70% and 84% respectively on the technical provisions basis. The Company and Trustees are discussing an increase in these hedging levels. Taken together the overall portfolio is designed to prudently deliver a Gilts plus 2.5% p.a. return over the long term without increasing risk from prior levels. The Trustees actively manage the growth portfolio to target this objective while maintaining diversification.

EEPS
A review of the investment strategy was conducted as part of the 2013 valuation and was agreed in early 2015. The assets of the scheme are now allocated in two separate portfolios referred to as the matching portfolio and the growth portfolio. Within tolerances, the matching portfolio is supported by 25% of scheme assets while 75% of the assets are deployed in the growth portfolio. The matching portfolio now delivers interest rate and inflation hedging of 20% on the technical provisions basis. The Company and Trustees are discussing an increase in these hedging levels. Taken together the overall portfolio is designed to prudently deliver a Gilts plus 2.5% p.a. return over the long term without increasing risk from prior levels. The Trustees actively manage the growth portfolio to target this objective while maintaining diversification.

e) Profile of the pension scheme

BEGG

Circa 48% of the BEGG liabilities are attributable to current employees, 5% to former employees and 47% to current pensioners. The weighted average time until benefits payments are made is 19 years which reflects the approximate split of the defined benefit obligation between current employees, deferred members and current pensioners.

EEGSG

Circa 56% of the EEGSG liabilities are attributable to current employees, 5% to former employees and 39% to current pensioners. For EEGS as a whole, the duration is approximately 19 years.

EEPS

Circa 70% of the EEPS liabilities are attributable to current employees, 25% to former employees and 5% to current pensioners. For EEPS as a whole, the duration is approximately 34 years.

f) Sensitivity of pension defined benefit obligations to changes in assumptions:

The significant actuarial assumptions for the determination of the defined benefit obligations are discount rate, salary increase and inflation rate. The sensitivity analyses below have been determined based on reasonably possible changes of the respective assumptions occurring at the end of the reporting period, holding all other assumptions constant.

	At 31 December 2016
Impact of a 25bp increase/decrease in discount rate	**-4.9% to +5.3%**
Impact of a 25bp increase/decrease in salary increase assumption	**+0.4% to -0.5%**
Impact of a 25bp increase/decrease in inflation rate	**+4.2% to -3.8%**

In calculating the sensitivities, the present value of the obligation has been calculated using the projected unit credit method at the end of the reporting period which is consistent with how the defined benefit obligation has been calculated and recognised on the balance sheet.

There have been no changes in the methodology for the calculation of the sensitivities since the prior year.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

41. Financial instruments

The table below shows the carrying value of Group financial instruments by category:

	2016 £m	2015 £m
Financial assets		
Deferred consideration (note 19)	**104**	-
Cash and cash equivalents (note 25)	**1,729**	1,789
Derivative instruments held at fair value through P&L (note 28)	**64**	25
Derivative instruments in designated hedging relationships (note 28)	**119**	427
Loans and receivables	**1,683**	1,654
NLF and Nuclear liabilities receivable (note 22)	**7,486**	6,650
Available for sale financial assets (note 19)	**10**	9
Financial liabilities		
Derivative instruments held at fair value through P&L (note 28)	**(99)**	(47)
Derivative instruments in designated hedging relationships (note 28)	**(485)**	(338)
Borrowings and other liabilities at amortised cost	**(3,879)**	(4,664)
Finance lease liabilities (note 33)	**(259)**	(161)
Contingent consideration for a business combination	**(3)**	(39)

Loans and receivables include trade and other receivables as well as long-term receivables and exclude other debtors and the provision for doubtful debts.

Borrowings and other liabilities include borrowings, other liabilities excluding deferred income, and obligations under finance leases.

a) Financial risk management objectives

The Group is exposed to a variety of financial risks including commodity price risk, interest rate risk, credit risk, foreign currency risk and liquidity risk. The Group seeks to minimise the effect of these risks using financial instruments to hedge risk exposures. The use of derivative financial instruments is governed by the Group's approved policies and in line with the Group's risk mandate. The Group does not enter into or trade financial instruments, including derivatives, for speculative purposes.

The accounting treatment for financial instruments entered into as a result of these policies is detailed in note 2.

b) Capital risk management

The Group manages its capital through focusing on its net debt which comprises borrowings including finance lease obligations and accrued interest, less cash and cash equivalents (note 25) plus derivative liabilities. Given that the Group is a 100% owned subsidiary, any changes in capital structure are generally achieved via additional borrowings from other companies within the EDF S.A. group or from capital injection from its immediate parent company.

The Group is not subject to any externally imposed capital requirements.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

41. Financial instruments continued

c) Commodity price risk management

Commodity price risk arises from the necessity to forecast customer demand for gas and electricity effectively and to procure the various commodities at a price competitive enough to allow a favourable tariff proposition for our customers. Due to the vertically-integrated nature of the Group, the electricity procured from the generation business provides a natural hedge for the electricity demand from the retail business.

The residual exposure to movements in the price of electricity, gas, coal and carbon is partially mitigated by entering into contracts on the forward markets, and the exposure to fluctuations in the price of uranium is mitigated by entering into fixed price contracts.

Risk management is monitored for the whole of EDF Energy, through sensitivity analysis; both per commodity and across commodities, in line with the Group's risks mandate. At a Group level, commodity price risk exposure is measured looking at sensitivity analysis.

If the purchase price of power had been 10% higher, and all the other variables remained constant, then the Group's profit before taxation would have been £4m lower (2015: £5m) and hedging reserves would have been £230m lower (2015: £122m).
If the purchase price of gas had been 10% higher, and all the other variables remained constant, then the Group's profit before taxation would have been £11m higher (2015: £4m) and hedging reserves would have been £57m higher (2015: £32m).
If the purchase price of coal had been 10% higher, and all the other variables remained constant, then the Group's profit before taxation would have been £6m lower (2015: £4m) and hedging reserves would have no change (2015: £nil).
If the purchase price of carbon had been 10% higher, and all the other variables remained constant, then the Group's profit before taxation would have no change (2015: £nil) and hedging reserves would have been £3m higher (2015: £2m).
If the purchase price of fuel oil had been 10% higher, and all the other variables remained constant, then the Group's profit before taxation would have no change (2015: £nil) and hedging reserves would have no change (2015: £nil).

There have been no changes in the method of preparing the sensitivity analysis.

d) Interest rate risk management

The Group is exposed to interest rate risk because the Group borrows funds at both fixed and floating interest rates. The risk is managed by the Group by maintaining an appropriate mix between fixed and floating rate instruments and through the use of swap agreements. The Group's policy is to use derivatives to reduce exposure to short-term interest rate fluctuations and not for speculative purposes. Interest rate swaps are designated as a cash flow hedge.

Interest rate sensitivity

The sensitivity analyses below have been determined based on the exposure to interest rates at the reporting date, assuming that the rate change took effect at the start of the reporting period and remained in place for the full period, and assuming the closing borrowing and cash position was in place throughout the year. There has been no change in the method of preparing the sensitivity analysis during the year.

If the interest rates had been 100 basis points higher at the reporting date, and on the basis of the assumptions outlined above, then the Group's profit for the year would have been £11m higher (2015: £21m higher) as a result of changes in financial instrument valuations.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

41. Financial instruments continued

Interest rate profile

The interest rate profile of interest-bearing loans and borrowings, subsequent to the effect of interest rate swaps, was as follows:

	2016 £m	2015 £m
Floating rate borrowings	**60**	566
Fixed rate borrowings	**750**	655
Total borrowings (note 27)	**810**	1,221
Floating rate finance lease obligations (note 33)	**259**	161

Payments under the floating rate finance lease obligations are based on overnight LIBOR +200bps

The weighted average interest rates for all borrowings and finance lease obligations, after interest rate swaps, were as follows:

	2016	2015
Weighted average fixed interest rate %	**4.0%**	4.1%
Weighted average floating interest rate %	**1.5%**	1.0%

At 31 December 2016, the Group had seven interest rate swaps (2015: ten) and one cross currency interest rate swaps (2015: one). The fair value of the interest rate swaps outstanding at 31 December 2016 was a liability £3m (2015: £3m). The fair value of the cross-currency interest rate swaps outstanding at 31 December 2016 was an asset of £23m (2015: £78m liability). If interest rates moved by 100bps the change in value of the derivative asset and the hedging reserve would be £0.3m (2015: £0.3m). If interest rates moved by 100bps, the profit before tax would be £11.2m lower (2015: £6.4m).

e) Foreign currency risk management

The Group is exposed to exchange rate fluctuations as a result of US dollar and Euro denominated debt and US dollar and Euro denominated commodity contracts. The Group's policy is to enter into cross currency interest rate swaps to convert all foreign currency denominated debt into GBP.

Foreign currency exposures arising from US dollar and Euro denominated commodity contracts are managed using foreign currency forward contracts. The Group's policy is to enter into foreign currency forward contracts to convert foreign currency obligations into GBP.

At the balance sheet date, the following foreign currency derivatives were outstanding:

At 31 December 2016	**Notional amount to be received**				**Notional amount to be given**				
£m	<1yr	2-5yrs	>5yrs	Total	<1yr	2-5yrs	>5yrs	Total	**Fair value**
Foreign currency forwards	247	696	-	943	523	853	-	1,376	19
Cross currency swaps	22	112	811	945	25	124	695	844	(78)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

41. Financial instruments continued

At 31 December 2015	Notional amount to be received				Notional amount to be given				
£m	<1yr	2-5yrs	>5yrs	Total	<1yr	2-5yrs	>5yrs	Total	**Fair value**
Foreign currency forwards	717	477	-	1,194	711	481	-	1,192	10
Cross currency swaps	17	66	628	711	25	100	744	869	(78)

At the balance sheet date, the carrying value of the Group's foreign currency denominated monetary assets and monetary liabilities are as follows:

£m	**Liabilities**		**Assets**	
	2016	2015	**2016**	2015
EUR	**(175)**	(201)	**325**	96
USD	**(12)**	(18)	**4**	4

The cross currency swaps are designated as a cash flow hedge of the exposure on the bonds.

Sensitivity analysis

If the exchange rate had been 10% lower at the reporting date, there would have been an impact of £22.1m (2015: £39.7m) on the Group profit for the year. Pre-tax, the hedging reserve impact would have been £0.9m (2015: £22.5m). This excludes the exchange rate sensitivity on cross currency interest rate swaps.

f) Credit risk management

Counterparty and credit risk

Credit risk refers to the risk that a counterparty will default on its contractual obligations resulting in financial loss to the Group. The Group has adopted a policy of only dealing with creditworthy counterparties as a means of mitigating the risk of financial loss from defaults. The Group has no significant concentration of external credit risk, with exposure spread over a large number of external counterparties and customers. Due to the nature of the Group's trading with other EDF S.A. group companies in Europe, there are large trading balances with other Group companies, however these are not considered to be a risk.

The Group's counterparty credit risk is measured, monitored, managed and reported in accordance with the Group's credit risk policy. The policy sets out the framework that dictates the maximum credit exposure that the Group can incur to each of its counterparties based on their public credit rating (or where counterparty is not publicly rated, a rating calculated using an in-house scoring model). The Group uses a variety of tools to mitigate its credit exposure, for example, requesting parent company guarantees, letters of credit or cash collateral, agreeing suitable payment terms and netting provisions. The majority of energy trading exposure is held against investment grade counterparties. For commercial customers with poor credit ratings, the Group on occasion will receive security deposits which can be used in the event of default by the customer.

The Group also faces counterparty risk through the ability of key suppliers to deliver to contract. Such suppliers are subject to credit risk reviews and continual monitoring.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

41. Financial instruments continued

Balances are written off when recoverability is assessed as being remote. The assessment considers the age of debt balances and takes account of the credit worthiness of some customers and considers whether they remain ongoing customers. Amounts overdue but not written off are fully or partially provided for in accordance with the Group's positioning policies. Money recovered relating to balances previously provided against or written off is credited to the income statement on receipt.

The maximum credit risk exposure is derived from the carrying value of financial assets in the financial statements, in addition to the credit risk arising from the provision of support and guarantees as detailed in the table below.

	2016 £m	2015 £m
Guarantee provided by subsidiary relating to performance of contractual obligations	**81**	87
Guarantee relating to pension obligations	**240**	160
Guarantee relating to tax obligations	**1**	1

g) Liquidity risk management

Liquidity risk is the risk that the Group is unable to meet its obligations as they fall due because it has inadequate funding or is unable to liquidate its assets. The Group manages liquidity risk by preparing cash flow forecasts and by ensuring it has sufficient funding to meet its forecast cash demands.

At 31 December 2016, the Group had available £338m (2015: £320m) of undrawn committed borrowing facilities in respect of which all conditions precedent had been met.

The tables below detail the contracted maturity for all financial liabilities, based on contractual cash flows.

At 31 December 2016	**0-30 days**	**30-90 days**	**3-6 months**	**6-12 months**	**1-2 yrs**	**2-5yrs**	**>5yrs**	**Total**
Obligations under finance lease	-	8	8	17	35	75	-	**143**
Borrowings	-	-	7	9	44	24	764	**848**
Other liabilities	781	874	48	85	53	120	744	**2,705**
Derivative and other financial instruments	236	108	3	(73)	(404)	(25)	744	**589**

At 31 December 2015	0-30 days	30-90 days	3-6 months	6-12 months	1-2 yrs	2-5yrs	>5yrs	Total
Obligations under finance lease	-	8	8	16	34	110	-	176
Borrowings	-	1	9	511	14	44	691	1,270
Other liabilities	982	749	254	63	61	142	583	2,834
Derivative and other financial instruments	265	90	(38)	(24)	(187)	223	803	1,131

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

41. Financial instruments continued

h) Fair values of assets and liabilities

The fair values of financial assets and liabilities are determined as follows:

- The fair value of financial assets and liabilities with standard terms and conditions and traded on active liquid markets is determined with reference to quoted market prices.
- The fair value of other financial assets and financial liabilities (excluding derivative instruments) is determined in accordance with generally accepted pricing models based on discounted cash flow analysis using prices from observable current market transactions and dealer quotes of similar instruments.
- The fair value of derivative instruments is calculated using quoted prices.

The following table provides an analysis of financial instruments that are measured subsequent to initial recognition at fair value, grouped into Levels 1 to 3 based on the degree to which the fair value is observable:

- Level 1 fair value measurements are those derived from quoted prices (unadjusted) in active markets for identical assets or liabilities;
- Level 2 fair value measurements are those derived from inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and
- Level 3 fair value measurements are those derived from valuation techniques that include inputs for the asset or liability that are not based on observable market data (unobservable inputs).

	2016 £m	2015 £m
Level 2		
Derivative financial instruments		
Hedging instruments in a cash flow hedge	**371**	(87)
Instruments designated at FVTPL	**30**	19
Contingent consideration	**(3)**	(39)
Level 3		
Available for sale assets	**(10)**	(9)
Total	**388**	(116)

There have been no transfers between levels during the period.

All derivative financial instruments are valued using a discounted cash flow. Future cash flows are estimated based on forward rates (from observable rates at the end of the reporting period) and contract forward rates, discounted at rate that reflects the credit risk of the counterparties. Similar valuation methodologies are used for commodity forward contracts, foreign currency forward contracts, cross currency swaps and interest rate swaps. There are no significant unobservable inputs into the valuation.

The contingent consideration is valued by referencing the price of a similar instrument with identical terms which is quoted on an active market. There are no significant unobservable inputs into the valuation.

The available for sale assets are valued at the fair value of net assets. Changes in the unobservable inputs would not have a significant impact on the fair value.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

41. Financial instruments continued

Except as detailed in the table below, the Directors consider that the carrying amount of the financial assets and financial liabilities recorded in the financial statements approximates fair value.

	Carrying amount		Fair value	
	2016 £m	2015 £m	**2016 £m**	2015 £m
Financial liabilities				
Borrowings and other liabilities	**3,879**	4,703	**3,825**	4,747

Financial liabilities measured at fair value are level 2 instruments and are valued using a discounted cash flow. Future cash flows are estimated based on forward rates (from observable rates at the end of the reporting period) and contract forward rates, discounted at rate that reflects the credit risk of the counterparties.

42. Related parties

During the year, the Group entered into the following transactions with related parties who are not members of the Group:

		Sales to related parties £m	Purchases from related parties £m	Interest paid to related parties £m	Interest received from related parties £m
Joint operations:	**2016**	**-**	**(94)**	**-**	**2**
	2015	-	(113)	-	2
Associates:	**2016**	**-**	**(30)**	**-**	**-**
	2015	-	(36)	-	-
Transactions with other EDF S.A. group companies	**2016**	**904**	**(1,057)**	**(62)**	**42**
	2015	1,064	(1,233)	(43)	16
Finance lease commitment with EDF S.A. group	**2016**	**-**	**-**	**(6)**	**-**
	2015	-	-	(5)	-

At the year end, group companies had the following outstanding balances with related parties who are not members of the Group:

		Amounts owed by related parties £m	Amounts owed to related parties £m
Joint operations:	**2016**	**117**	**-**
	2015	115	-
Associates:	**2016**	**6**	**-**
	2015	8	-
Transactions with other EDF S.A. group companies	**2016**	**2,201**	**(1,312)**
	2015	1,923	(1,166)
Finance lease commitment with EDF S.A. group companies	**2016**	**-**	**(259)**
	2015	-	(161)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

42. Related parties continued

EDF Energy Holdings Limited trades with other group companies which are part of the EDF S.A. group.

Sales and purchases from related parties are made at normal market prices. Outstanding balances at year end are unsecured and settlement occurs in cash. There have been no guarantees provided or received for any related party receivables. The Group has not raised any provision for doubtful debts relating to amounts owed by related parties. This assessment is undertaken each financial year through examining the financial position of the related party and the market value in which the related party operates.

The table above includes loans and bonds payable to other EDF subsidiaries of £797m (2015: £701m) and loans receivable from EDF S.A. companies of £540m (2015: £560m).

The Group enters into derivative contracts to purchase commodities at normal market prices with another EDF S.A. group company. The total trade value of outstanding contracts in the Group balance sheet was an asset of £718m (2015: asset of £1,023m).

Transactions with key management personnel

	2016 £m	2015 £m
Short-term benefits	**4.7**	5.0
Post-employment benefits	**0.1**	0.2
	4.8	5.2

Key management personnel comprise members of the Executive Committee, a total of seven individuals at 31 December 2016 (2015: seven). The Executive Committee is a cross-business unit committee of senior staff who take part in the decision-making for the Group.

43. Events after the balance sheet date

Following contract signature on 29 September 2016, for the design, manufacture, install and commission of the HPC NSSS and I&C systems, the Notice to Proceed clause of the contract was signed on 4 January 2017. On 5 January 2017, a down payment of €268m was paid.

On 20 January 2017, a contract with a total value of £117m was signed for the design and construction of workers' accommodation to be located at both the HPC site and in Bridgewater. A contract for the design, manufacture, install and commissioning of emergency generators, with a value of £161m, was also signed after the balance sheet date.

In addition to the contracts referenced above, there have been a further 20 contracts entered into since the balance sheet date with a combined value of €125m and £72m.

On 27 March 2017 the first nuclear concrete pour took place at HPC. This is a significant milestone for the Project. The pour follows approval by the Office for Nuclear Regulation ("ONR") that the quality of the cement mix meets the appropriate standards. The first concrete pour took place in the HPC galleries, these galleries are a network of connected tunnels which will carry cabling and pipes. They will be some of the first permanent structures on the site.

Following completion of the New Nuclear project agreements in September 2016, Northern Power Limited signed a conditional contract to lease land at Bradwell to Bradwell Power Generation Company Limited. On 1 March 2017 Northern Power Limited and Bradwell Power Generation Company Limited agreed a 30 year lease for land at Bradwell, Essex. The lease is conditional and gives Bradwell Power Generation Company Limited the right to acquire the land if certain conditions are met.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS continued

44. Parent undertaking and controlling party

EDF Energy (UK) Limited holds a 100% interest in EDF Energy Holdings Limited and is the immediate parent company. EDF International SAS ("EDFI") is the smallest group for which consolidated financial statements are prepared, copies of which may be obtained from EDF International SAS, 22-30 Avenue de Wagram, 75382, Paris, Cedex 08, France.

At 31 December 2016, Electricité de France SA ("EDF S.A."), a company incorporated in France, is regarded by the Directors as the Company's ultimate parent company and controlling party. This is the largest group for which consolidated financial statements are prepared. Copies of that company's consolidated financial statements may be obtained from Electricité de France SA, 22-30 Avenue de Wagram, 75382, Paris, Cedex 08, France.

COMPANY BALANCE SHEET
AT 31 DECEMBER 2016

	Note	2016 £m	2015 £m
Non-current assets			
Investments in subsidiary undertakings	10	**11,470**	14,330
Deferred consideration	11	**104**	-
		11,574	14,330
Current assets			
Trade and other receivables	12	**210**	198
Cash and cash equivalents		**639**	1,171
		849	1,369
Total assets		**12,423**	15,699
Current liabilities			
Other liabilities	13	**(164)**	(137)
Borrowings	14	**-**	(500)
Total liabilities		**(164)**	(637)
Net assets		**12,259**	15,062
Equity			
Share capital	15	**8,382**	13,914
Share premium		**-**	273
Retained earnings		**3,877**	875
Total equity		**12,259**	15,062

The Company reported a loss for the financial year ended 31 December 2016 of £2,756m (2015: profit of £585m).

The company financial statements of EDF Energy Holdings Limited, registered number 06930266, on pages 92 to 102 were approved by the Board of Directors on 11 May 2017 and were signed on its behalf by:

Robert Guyler
Director

COMPANY STATEMENT OF CHANGES IN EQUITY
FOR THE YEAR ENDED 31 DECEMBER 2016

	Share capital £m	Share premium account £m	Profit and loss account £m	**Total Shareholders' funds £m**
At 31 December 2014	13,647	273	479	14,399
Profit for the year	-	-	585	585
Shares issued	267	-	-	267
Dividends paid	-	-	(189)	(189)
At 31 December 2015	13,914	273	875	15,062
Loss for the year	-	-	(2,756)	(2,756)
Shares issued	195	-	-	195
Capital reduction	(5,727)	(273)	6,000	-
Dividends paid	-	-	(242)	(242)
At 31 December 2016	**8,382**	**-**	**3,877**	**12,259**

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

1. Accounting policies

Basis of preparation

The Company meets the definition of a qualifying entity under Financial Reporting Standard 101 (FRS 101) 'Reduced Disclosure Framework'. These financial statements were prepared in accordance with Financial Reporting Standard 101 'Reduced Disclosure Framework'. The accounting policies which follow set out those polices which apply in preparing the financial statements for the year ended 31 December 2016.

Summary of disclosure exemptions

The Company has taken advantage of the following disclosure exemptions under FRS101:

a) the requirements of IFRS 7 Financial Instruments: Disclosures;
b) the requirement in paragraph 38 of IAS 1 'Presentation of Financial Statements' to present comparative information in respect of paragraph 79(a)(iv) of IAS 1;
c) the requirements of paragraphs 10(d), 10(f), 39(c) and 134-136 of IAS 1 Presentation of Financial Statements;
d) the requirements of IAS 7 Statement of Cash Flows;
e) the requirements of paragraphs 30 and 31 of IAS 8 Accounting Policies, Changes in Accounting Estimates and Errors;
f) the requirements of paragraph 17 of IAS 24 Related Party Disclosures;
g) the requirements in IAS 24 Related Party Disclosures to disclose related party transactions entered into between two or more members of a group, provided that any subsidiary which is a party to the transaction is wholly owned by such a member;
h) the requirements of paragraphs 130(f)(ii), 130(f)(iii), 134(d)-134(f) and 135(c)-135(e) of IAS 36 Impairment of Assets

Going concern

As set out in the Strategic Report, after making enquiries, the Directors have a reasonable expectation that the Company has adequate resources to continue in operational existence for the foreseeable future. Accordingly, they continue to adopt the going concern basis in preparing the financial statements.

Profit and loss account

As permitted by s408 of the Companies Act 2006 the Company has elected not to present its own profit and loss account or statement of comprehensive income for the year. The profit attributable to the Company is disclosed in the footnote to the Company's balance sheet.

The auditor's remuneration for audit and other services is disclosed in note 3 to the parent company financial statements.

Investments

Fixed asset investments are shown at cost less any provision for impairment. Current asset investments are stated at the lower of cost and net realisable value.

Cash and cash equivalents

Cash and cash equivalents comprises cash at bank and in hand, including short term deposits with a maturity date of three months or less from the date of acquisition and restricted cash. A collective net overdraft facility arrangement is operated within the Group which permits the offset of cash balances and overdrafts between its subsidiary companies.

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

Financial instruments

Financial assets and liabilities are recognised on the Group's balance sheet when the Group becomes a party to the contractual provisions of the instruments. Detailed information regarding the Company's accounting policies for financial instruments can be found in the Group accounting policies note.

Taxation

The income tax expense included in the consolidated income statement consists of current and deferred tax.

Current tax
Current tax, including UK corporation tax, is provided at amounts expected to be paid (or recovered) using the tax rates and laws that have been enacted by the balance sheet date. The tax currently payable is based on taxable profit for the year. Taxable profit differs from net profit as reported in the income statement because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible.

Deferred tax
Deferred tax is provided or recognised in full using the balance sheet liability method, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes.

Deferred tax arising from (1) the initial recognition of goodwill, (2) the initial recognition of assets or liabilities in a transaction (other than in a business combination) that affects neither the taxable profit nor the accounting profit, or (3) differences relating to investments in subsidiaries to the extent that they will probably not reverse in the foreseeable future, is not provided for.

Deferred tax assets are recognised to the extent it is more likely than not that future taxable profits will be available against which the temporary differences can be utilised. The carrying amount of deferred tax assets is reviewed at each balance sheet date and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the assets to be recovered.

Deferred tax is calculated at the tax rates that are expected to apply for the period when the asset is realised or the liability is settled based on tax laws and rates that have been enacted or substantively enacted at the balance sheet date.

Current tax and deferred tax for the year
Current tax and deferred tax are recognised in the income statement, except when they relate to items that are recognised in other comprehensive income or directly in equity, in which case, the current tax and deferred tax are also recognised in other comprehensive income or directly in equity respectively.

2 Critical accounting judgement and key source of estimation uncertainty

The Company performs impairment testing on assets where there is an indication of potential impairment. The impairment review involves a number of assumptions including discount rates, output values, asset lives and forward power prices. The long term nature of the Company's assets and the unique and early stage nature of the Company's Nuclear New Build projects in particular, increases the level of uncertainty involved.

3 Operating loss

In 2016, an amount of £6,000 (2015: £6,000) was paid to Deloitte LLP for audit services relating to audit of the individual entity statutory accounts of the Company. This charge was borne by another Group company. In 2016, amounts payable to Deloitte LLP by the Company in respect of non-audit services were £nil (2015: £nil).

The Company had no employees in 2016 (2015: none).

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

4 Directors' emoluments

None of the Directors received any remuneration for services to the Company during the year (2015: £nil).

5 Investment income

	2016 £m	2015 £m
Income from investment	**360**	584
Other finance income	**5**	4
	365	588

6 Finance costs

	2016 £m	2015 £m
Interest payable on bank loans	**4**	4
	4	4

7 Other gains and losses

	2016 £m	2015 £m
Gain on disposal of investments	**211**	-
	211	-

EDF Energy Holdings Limited disposed of 33.5% of its investment in NNB Holdings Company (HPC) Limited and 20% of its investment in NNB Holdings Company (SZC) Limited to Sagittarius International Limited in September 2016. The investments, previously held at cost of £617m, were sold for £828m resulting in a profit on disposal of £211m.

8 Dividends

	2016 £m	2015 £m
Interim dividends paid	**242**	189
	242	189

The interim dividends to the parent company represents 2.9p per Ordinary share (2015: 1.4p).

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

9 Impairment

	2016 £m	2015 £m
EDF Energy Lake Limited	**3,328**	-
	3,328	-

In 2016, an impairment test was performed in EDF Energy Nuclear Generation Group Limited for the nuclear generation business due to falling power prices which was considered as an impairment trigger. This gave a recoverable amount of the nuclear generation business of £8,214m based on the value in use. The company, through its investment in EDF Energy Lake Limited, has an 80% interest in EDF Energy Nuclear Generation Group Limited, and as such the recoverable amount of its investment is calculated as £6,571m, compared to a book value of £9,899m. This has resulted in an impairment of £3,328m in the period. The fair value was estimated based on discounted cash flows over its expected useful life. The main assumptions used for the calculation were the discount rate and forward power prices. The discount rate was derived from an after-tax rate of 6.4% (2015: 6.7%).

10 Investments in subsidiary undertakings

Cost	**Shares £m**
At 31 December 2015	14,330
Additions during the year	2,302
Disposals during the year	(1,834)
At 31 December 2016	**14,798**
Impairment	
Impairment (note 9)	**(3,328)**
At 31 December 2016	**(3,328)**
Carrying Value	
At 31 December 2016	**11,470**
At 31 December 2015	14,330

The additions during the year related to the subscription of £2,015m shares in EDF Energy (NNB) Limited, £5m shares in General Nuclear System Limited, £7m shares in Bradwell Power Holding Company Limited, £200m additional shares in EDF Energy Group Holdings plc and £75m additional shares in NNB Holding Company (SZC) Limited.

The disposals during the year relate to the sale of 20% of the investment in NNB Holdings Company (SZC) Limited to Sagittarius International Limited, held at cost of £3m, and the sale of 100% of the investment in NNB Holding Company (HPC) Limited to NNB Top Company (A) Limited (66.5%) and Sagittarius International Limited (33.5%), held at cost of £1,831m.

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

10 Investments in subsidiary undertakings continued

The principal subsidiary undertakings at 31 December 2016, which are incorporated in the United Kingdom and are registered and operate in England and Wales, or Scotland (unless otherwise stated), are as follows:

Name of subsidiary	Proportion of ownership interest and voting power held %	Principal activity
British Energy Bond Finance plc *(2)	80%	Financial activities
British Energy Direct Limited *(1)	100%	Sale of electricity
British Energy Finance Limited *(2)	80%	Financial activities
British Energy Generation (UK) Limited *(2)	80%	Holding company
British Energy Generation Limited*	80%	Dormant company
British Energy Group Limited*(2)	80%	Dormant company
EDF Energy Nuclear Generation Limited *(1)	80%	Power generation
EDF Energy Nuclear Generation Group Limited *(2)	80%	Holding company
British Energy Holdings Limited * (Canada) (4)	80%	Holding company
British Energy International Holdings Limited *(2)	80%	Holding company
British Energy Investment Limited *(2)	80%	Investment company
British Energy Limited *(2)	80%	Holding company
British Energy Renewables Limited *(2)	80%	Renewable power generation
British Energy Trading and Sales Limited *(2)	80%	Sale of electricity
British Energy Trading Services Limited *(2)	80%	Sale of electricity
British Energy Technical Services Limited *(2)	80%	Sale of electricity
British Energy Treasury Finance Limited *(2)	80%	Financial activities
British Energy Trustees Limited *(2)	80%	Financial activities
Bruce Hydro Inc * (Canada) (4)	80%	Power generation
Bruce Power Operating Corp * (Canada) (4)	80%	Power generation
EDF Energy 1 Limited *	100%	Marketing and supply of electricity and gas
EDF Energy Investments *	100%	Holding company
Cheshire Cavity Storage Group Limited *	100%	Holding company
Cheshire Cavity Storage 1 Limited *	100%	Provision of gas storage facilities
Deletepicnic Limited *	100%	Holding company
EDF Energy Dormant Holdings Limited *	100%	Holding company
EDF Energy plc *	100%	Sale of electricity
EDF Energy (Cottam Power) Limited *	100%	Provision and supply of electricity generation
EDF Energy Customers plc *	100%	Electricity retailing
EDF Energy (Energy Branch) Limited *	100%	Investment in electricity generation
EDF Energy Fleet Services Limited *	100%	Transport services
EDF Energy Group Holdings plc	100%	Holding company
EDF Energy Lake Limited	100%	Holding company
EDF Energy Homephone Limited*	100%	Dormant company
EDF Energy ESPS Trustee Limited*	100%	Dormant company

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

10 Investments in subsidiary undertakings continued

Name of subsidiary	Proportion of ownership interest and voting power held %	Principal activity
EDF Energy (London Heat & Power) Limited *	100%	Generation and supply of electricity and heat
EDF Energy (Metro Holdings) Limited *	100%	Investment company
EDF Energy (Northern Offshore Wind) Limited *	100%	Development of generation and supply
EDF Energy (Projects) Limited *	100%	Investment company
EDF Energy (West Burton Power) Limited*	100%	Power generation
EDF Energy (Gas Storage Hole House) Limited*	100%	Provision of gas storage facilities
EDF Energy R&D UK Centre Limited	100%	Research and development of generation and supply
EDF Energy Pension Scheme Trustee Limited*	100%	Dormant company
Eggborough Power (Holdings) Limited*(2)	80%	Holding company
Lake Acquisitions Limited	80%	Holding company
Lochside Energy Inc * (Canada) (4)	80%	Financial activities
Lochside Insurance Limited * (Guernsey) (5)	80%	Insurance company
NNB Holding Company (HPC) Limited *	100%	Holding company
NNB Holding Company (SZC) Limited	100%	Holding company
NNB Top Company HPC (A) Limited *	100%	Holding company
NNB Top Company HPC (B) Limited *	100%	Holding company
NNB Holding Company (BRB) Limited	100%	Holding company
NNB Generation Company (SZC) Limited *	100%	Development of generation and supply
NNB Generation Company (HPC) Limited *	100%	Development of generation and supply
NNB Generation Company (BRB) Limited *	100%	Development of generation and supply
NNB Land Company Limited *	100%	Property company
EDF Energy (NNB) Limited (Hong Kong)(3)	100%	Holding company
NNB Finance Company (HPC) Limited *	100%	Financial activities
Northern Power Limited(2)	100%	Power generation
SEEBOARD Energy Limited *	100%	Energy supply
SEEBOARD Energy Gas Limited *	100%	Gas supply
51 Limited *	100%	Telecommunications carrier (non-trading company)
Associated Electricity Supplies Limited *	100%	Leasing of building
EDF Energy (South East Generation) Limited *	100%	Dormant company

*Indirectly held

(1) Registered Address: Barnett Way, Barnwood, Gloucester, GL4 3RS

(2) Registered Address: EDF Energy, Gso Business Park, East Kilbride, Scotland, G74 5PG

(3) Registered Address: Room 1902, 19/F Lee Garden One, 33 Hysan Avenue, Causeway Bay, Hong Kong

(4) Registered Address: 100 King Street West, 1600, 1 First Canadian Place, Toronto ON M5X 1G5, Canada

(5) Registered Address: PO Box 34, St Martin's House, Le Bordage, St Peter Port, Guernsey, Channel Islands, GY1 4AU

Unless stated otherwise, the registered address of the subsidiary undertakings listed above is 40 Grosvenor Place, Victoria, London, England, England, SW1X 7EN

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

10 Investments in subsidiary undertakings continued

The associates and joint operations at 31 December 2016, which are registered and operate in England and Wales, are as follows:

Name of subsidiary	Percentage of ordinary shares held	Principal activity
Scintilla Re*[1]	20.0%	Re-insurance
Fallago Rig Windfarm Limited*[3]	10.0%	Renewable energy generation
Fallago Rig II Windfarm Limited*[3]	50.0%	Renewable energy generation
EDF Energy Renewables Limited*	50.0%	Renewable energy generation
Boundary Lane Windfarm Limited*	50.0%	Renewable energy generation
Braemore Wood Windfarm Limited*	50.0%	Renewable energy generation
Glass Moor II Windfarm Limited*[4]	10.0%	Renewable energy generation
Green Rigg Windfarm Limited*[4]	10.0%	Renewable energy generation
Navitus Bay Development Limited*[2]	25.5%	Renewable energy generation
Royal Oak Windfarm Limited*	50.0%	Renewable energy generation
Bicker Fen Windfarm Limited*	50.0%	Renewable energy generation
Burnfoot Windfarm Limited*	50.0%	Renewable energy generation
Fairfield Windfarm Limited*	50.0%	Renewable energy generation
Rusholme Windfarm Limited*[4]	10.0%	Renewable energy generation
Walkway Windfarm Limited*	50.0%	Renewable energy generation
Round 3 Isle of Wight Limited*	51.0%	Renewable energy generation
Teesside Windfarm Limited*	50.0%	Renewable energy generation
High Hedley Hope Wind Limited*	50.0%	Renewable energy generation
EDF Energy Renewables Holdings Limited*	50.0%	Holding company
Red Tile Wind Limited*	50.0%	Renewable energy generation
Kirkheaton Wind Limited*	37.5%	Renewable energy generation
Longpark Windfarm Limited*	50.0%	Renewable energy generation
Stornoway Wind Farm Limited*[3]	25.0%	Renewable energy generation
Roade Windfarm Limited*	50.0%	Renewable energy generation
Burnhead Moss Wind Farm Limited*	50.0%	Renewable energy generation
Barmoor Wind Power Limited*	50.0%	Renewable energy generation
Fenland Windfarms Limited*	50.0%	Renewable energy generation
Cemmaes Windfarm Limited*	50.0%	Renewable energy generation
Llangwyryfon Windfarm Limited*	50.0%	Renewable energy generation
Great Orton Windfarm II Limited*	50.0%	Renewable energy generation
Park Spring Wind Farm Limited*	50.0%	Renewable energy generation
Corriemoillie Windfarm Limited*	50.0%	Renewable energy generation
EDF EN Services UK Limited*	50.0%	Renewable energy generation
Dorenell Windfarm Limited*	50.0%	Renewable energy generation
Beck Burn Windfarm Limited*	50.0%	Renewable energy generation
Pearie Law Windfarm Limited*	50.0%	Renewable energy generation

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

10 Investments in subsidiary undertakings continued

Name of subsidiary	Percentage of ordinary shares held	Principal activity
Cold Northcott Windfarm Limited*	50.0%	Renewable energy generation
First Windfarm Holdings Limited*	50.0%	Renewable energy generation
Cumbria Wind Farms Limited*	50.0%	Renewable energy generation
EDF Energy Services Limited*	50.0%	Development of generation and supply
The Barkantine Heat and Power Company Limited*	50.0%	Generation and supply of heat and electricity
General Nuclear System Limited(6)	33.5%	Development of generation and supply
Bradwell Power Holding Company Limited(6)	33.5%	Holding company
Bradwell Power Generation Company Limited*(6)	33.5%	Development of generation and supply

*Indirectly held

(1) Registered Address: 534 Rue De Neudorf L-2220 Luxembourg

(2) Registered Address: The Exchange, 5 Bank Street, Bury, Lancashire, England, BL9 0DN

(3) Registered Address: EDF Energy, Gso Business Park, East Kilbride, Scotland, G74 5PG

(4) Registered Address: Squire Patton Boggs (Uk) Llp (Ref:Csu) Rutland House, 148 Edmund Street, Birmingham, West Midlands, B3 2JR

(5) Registered Address: First Floor, Stratton House 5 Stratton Street, Mayfair, London, United Kingdom, W1J 8LA

Unless stated otherwise, the registered address of the subsidiary undertakings listed above is 40 Grosvenor Place, Victoria, London, England, England, SW1X 7EN

11 Deferred consideration

	2016 £m	2015 £m
Deferred consideration	**104**	-
	104	-

Deferred consideration arose on the disposal of 33.5% of EDF Energy Holdings Limited's investment in NNB Holding Company (HPC) Limited to Sagittarius International Limited in September 2016. The deferred consideration, of £109m, is expected to be received in 2019 and therefore has been discounted to its present value of £104m. A risk free discount rate of 2% has been applied as risk has already been taken into consideration when assessing the value of the HPC project.

12 Trade and other receivables

	2016 £m	2015 £m
Amounts owed by other Group companies	**210**	198
	210	198

The amounts owed by other Group companies are non-interest bearing and are repayable on demand.

NOTES TO THE COMPANY FINANCIAL STATEMENTS continued

13 Other liabilities

	2016 £m	2015 £m
Amounts owed to other Group companies	**164**	137
	164	137

The amounts owed to other Group companies are non-interest bearing and are repayable on demand.

14 Borrowings

	2016 £m	2015 £m
£500m bank loan	**-**	500
	-	500

The £500m facility agreement was put in place with Lloyds Bank plc as part of the UK Government Lending Scheme on 19 December 2013. It was drawn in full on 20 December 2013 and pays an interest rate of LIBOR 3 months plus margin 0.2%. The loan originally matured in July 2015, however it had an option to extend for a further 17 months, which was executed in December 2014. The loan matured and was repaid in full on 19 December 2016.

15 Share capital

Allotted, called up and fully paid	**2016 Number**	2015 Number	**2016 £m**	2015 £m
Ordinary shares of £1.00 each	**8,381,442,467**	13,913,777,252	**8,382**	13,914

During 2016, 195,000,000 shares were issued at par for consideration of £195m. On 22 December 2016, the Company undertook a capital reduction which resulted in £5,727m of share capital and £273m of share premium becoming distributable reserves.

16 Related parties

The Company has taken advantage of the exemption in FRS 101 Reduced Disclosure Framework from disclosing transactions with other members of the group, which would otherwise be required for disclosure under IAS 24.

17 Parent undertaking and controlling party

EDF Energy (UK) Limited holds a 100% interest in EDF Energy Holdings Limited and is considered to be the immediate parent company. Electricité de France SA is the smallest group for which consolidated financial statements are prepared, copies of which may be obtained from Electricité de France SA, 22-30 Avenue de Wagram, 75382, Paris, Cedex 08, France.

At 31 December 2016, Electricité de France SA, a company incorporated in France, is regarded by the Directors as the Company's ultimate parent company and controlling party. This is the largest group for which consolidated financial statements are prepared. Copies of that company's consolidated financial statements may be obtained from Electricité de France SA, 22-30 Avenue de Wagram, 75382, Paris, Cedex 08, France.