

# 2017 half-year results in line with expectations Excellent execution of the performance plan **Outlook confirmed**

Key figures of the 2017 half	-year results
EBITDA	€7.0bn -20.6% org.¹
Net income excluding non-	-20.0% org.
recurring items	€1.4bn -53.8%
	-53.8%
Net income – Group share	€2.0bn
	-3.7%
Net financial debt	€31.3bn -€6.2 bn
Electricity Output Nuclear France: 197.2TWh	-3.9%
Nuclear United Kingdom: 32.2TWh	+4.2%
Hydropower France: 21.3TWh	-16.5%
EDF EN: 6.4TWh	+5.0%
Performance plan	
Operating expenses <sup>4</sup>	~70% total of the target 2018 vs. 2015
Working Capital Requirement	~90% total
	of the target 2015-2018
Disposals signed or realised	~80% total of the target 2015-2020
Net investments <sup>5</sup>	-€0.3bn vs. H1 2016
- Nuclear ou	2017 ta
- EBITDA <sup>6</sup> :	
- Net financ	ial debt/EBITDA <sup>7</sup> :

# Main events

- **Renewable energies:**
- Takeover of FUTUREN (onshore wind power)
- 2.4GW under construction by EDF EN, of which 0.9GW solar power
- EDF EN gross installed capacity greater than 10GW<sup>2</sup>
- **Energy services:** 
  - Acquisition of Imtech in the United Kingdom
- Success of the €4bn capital increase .
- Finalisation of the sale of 49.9% of CTE, which holds 100% of RTE shares
- Nuclear France: output in line with forecasts given the outages of reactors for additional controls started in 2016 following the quality control audit of the Creusot Forge plant

#### New nuclear:

- Approval of the Flamanville 3 vessel: draft opinion of the French Nuclear Safety Agency (ASN) specifying that the composition of the steel of the vessel head and bottom is not likely to call into question its commissioning under certain conditions and in particular the replacement of the vessel head by the end of 2024 (see press release of 29 June 2017). System performance tests are under way
- Hinkley Point C: update of project costs to £19.6bn (in 2015 sterling)<sup>3</sup> (see press release of 3 July 2017)
- Creation of EDVANCE: bringing together EDF and AREVA NP's engineering teams (see press release of 17 May 2017)
- Signature of binding agreements with strategic investors for the acquisition of an equity stake in NEW NP (see press release of 10 July 2017)

	2017 targets	confirmed	
	- Nuclear output:	390 - 400TW	· · · · · · · · · · · · · · · · · · ·
	- EBITDA <sup>6</sup> :	€13.7bn - €14.3 bn	
	<ul> <li>Net financial debt/EBITDA<sup>7</sup>:</li> </ul>	≤ 2.5x	
	- Payout ratio of Net income excluding non-recu	rring items <sup>8</sup> : 55% to 65%	
<b>2018</b> t	argets confirmed	Targets beyond 2018	confirmed
- Operating expenses <sup>4</sup> :	-€0.7 bn compared to 2015	- 2019 operating expenses <sup>4</sup> :	Reduction ≥ €1 bn
- EBITDA <sup>9</sup> :	≥€15.2 bn		compared to 2015
<ul> <li>Net investments<sup>5</sup>:</li> </ul>	~ €10.5 bn	- Asset disposals in 2015-2020:	at least €10 bn
- Cash flow <sup>9,10</sup> :	≥ 0	- Payout ratio of Net income excl. non-recu	rring items <sup>8</sup> $45\%$ to 50%

- Payout ratio of Net income excl. non-recurring items<sup>8</sup>: 45% to 50%

Payout ratio of Net income excluding non-recurring items<sup>8</sup>:

- Net financial debt/EBITDA7,9:

≤ 2.5x

50%

<sup>&</sup>lt;sup>1</sup> Organic change at comparable scope and exchange rate

<sup>&</sup>lt;sup>2</sup> Net installed capacity: 6.7GW

<sup>&</sup>lt;sup>3</sup> Excluding interim interest and excluding foreign exchange compared to a reference exchange rate for the project of 1 sterling = 1.23 euros; net of action plans

<sup>&</sup>lt;sup>4</sup> Sum of personnel expenses and other external expenses. At comparable consolidation scope and exchange rates. At constant pensions discount rates. Excluding change in operating expenses of service activities

<sup>&</sup>lt;sup>5</sup> Net investments excluding Linky, new developments and disposals. Linky is a project led by Enedis, an independent EDF subsidiary as defined in the French Energy Code

<sup>&</sup>lt;sup>6</sup> At 2016 exchange rate

<sup>&</sup>lt;sup>7</sup> At 2016 exchange rate and at an assumed discount rate on nuclear provisions of 4.1% for 2017 and 3.9% for 2018

<sup>&</sup>lt;sup>8</sup> Adjusted for the remuneration of hybrid bonds accounted for in equity

<sup>&</sup>lt;sup>9</sup> At 2016 exchange rate and assumption for 2018 power prices in France on volumes not hedged as of 31.12.2016 ≥ €36/MWh

<sup>&</sup>lt;sup>10</sup> At 2016 exchange rate. Cash flow excluding Linky, new developments and asset disposals, with an assumed discount rate on nuclear provisions of 4.1% for 2017 and 3.9% for 2018, excluding interim dividend for 2018, which will be decided in the second half of 2018



EDF's Board of Directors meeting on 27 July 2017, under the chairmanship of Jean-Bernard Lévy, approved the consolidated financial statements at 30 June 2017.

#### Jean-Bernard Lévy, EDF's Chairman and CEO, stated:

"In an unfavourable market context and in line with its forecasts, the Group is continuing to implement its performance plan and maintains its annual objectives. Based on its strengthened balance sheet, EDF is deploying its CAP 2030 strategy. The first half of 2017 was marked by an acceleration in the area of renewable energies, with, in particular, the takeover of Futuren and the increase in installed net capacity. The reorganisation of the French nuclear sector has also reached essential and positive milestones in recent months. I would like to thank our teams for their daily efforts to make EDF the leader in low-carbon growth."

#### Change in EDF group's half-year results

In millions of euros	H1 2016	H1 2017	Change (%)	Organic change (%)
Sales	36,659	35,723	-2.6	-1.1
EBITDA	8,944	6,996	-21.8	-20.6
EBIT	4,512	3,882	-14.0	
Net income – Group share	2,081	2,005	-3.7	
Net income excluding non-recurring items <sup>11</sup>	2,968	1,370	-53.8	

### Change in EDF group's half-year EBITDA

In millions of euros	H1 2016	H1 2017	Organic change (%)
France – Generation and supply activities	3,450	2,453	-28.9
France – Regulated activities	2,791	2,400	-14.0
United Kingdom	1,118	627	-34.4
Italy	328	426	+28.4
Other International	363	275	-21.5
Other activities	894	815	-9.4
Total Group	8,944	6,996	-20.6

<sup>&</sup>lt;sup>11</sup> Net income excluding non-recurring items is not defined by IFRS, and is not directly visible in the consolidated income statement. It corresponds to the Group net income excluding non-recurring items and net changes in fair value on Energy and Commodity derivatives, excluding trading activities, net of tax.



In a context of unfavourable market conditions and a decline in nuclear generation in France, the financial results for the first half of 2017 were down. During this period, the Group continued to deploy its transformation plan in accordance with the CAP 2030 strategy. In particular, it successfully carried out a share capital increase of  $\notin$ 4 billion in 2017. The asset disposal plan continued to be implemented and reached a total of approximately  $\notin$ 8.0 billion<sup>12</sup> in disposals signed or realised for a target of at least  $\notin$ 10 billion between 2015 and 2020.

The actions undertaken within the framework of the performance plan have resulted in a significant reduction in operating expenses<sup>13</sup> by 2.2% (- $\in$ 225 million) compared to the first half of 2016, representing a total of approximately 70% of the target of - $\in$ 700 million in savings between 2015 and 2018. The efforts to optimise the working capital requirement, estimated at  $\in$ 200 million, have allowed more than 90% of the target of  $\in$ 1.8 billion optimisation to be reached over the period 2015-2018.

EBITDA of the France - Generation and supply activities segment amounted to €2,453 million, corresponding to an organic decline of 28.9%, due mainly to a drop in nuclear and hydropower generation and unfavourable market conditions.

EBITDA of the France - Regulated activities<sup>14</sup> segment recorded an EBITDA of €2,400 million, down 14.0% in organic terms due to unfavourable weather and storm effects and to favourable events in 2016 with no equivalent in 2017.

In the United Kingdom, EBITDA was down organicaly 34.4% to €627 million, mainly due to the significant impact of lower realised nuclear prices.

In Italy, EBITDA recorded an organic increase of 28.4% to €426 million due to favourable developments in electricity sales prices and an increase in hydrocarbon exploration and production activities driven by higher Brent and gas prices.

EBITDA of the Other International segment was down in organic terms by 21.5%, in Belgium due mainly to lower generation, and in Brazil due to the annual tariff review.

In the Other activities segment, EBITDA benefited from a 5% increase in renewable energy output and from an increase of 0.8GW in EDF Énergies Nouvelles' net installed capacity. Activity in Development and Sales of Structured Assets was down, however, after a high volume of operations in the first half-year of 2016. This led to a drop in EBITDA of 9.4% in the segment in the first half of 2017.

The financial result improved by €236 million compared to the first half of 2016, due in particular to an increase in capital gains on the disposal of dedicated assets, a reduction in the cost of debt and lower unwinding costs related to the discount rate.

The Group's net income excluding non-recurring items stood at €1,370 million for first-half 2017, a decrease of 53.8% compared to first-half 2016.

The Group's share of net income totalled €2,005 million in the first half of 2017, relatively stable compared to the first half of 2016 (-3.7%), the positive effect of the capital gain recorded for the sale of 49.9% of CTE<sup>15</sup> and the improvement of the financial result offsetting overall the decline in EBITDA.

The Group continued to ensure the control and selectivity of net investments excluding Linky<sup>16</sup>, new developments<sup>17</sup> and assets disposals, which totalled  $\notin$ 4,913 million, including the investment in Futuren. This corresponds to a decrease of  $\notin$ 252 million, thanks in particular to the rationalisation of the thermal power plant fleet and efforts made across all of the operational segments. Total net investments amounted to  $\notin$ 1,480 million in the

<sup>&</sup>lt;sup>12</sup> Impact on net financial debt

<sup>&</sup>lt;sup>13</sup> Sum of personnel expenses and other external expenses. At comparable consolidation scope and exchange rates. At constant pension discount rates. Excluding change in operational expenditures of service activities

<sup>&</sup>lt;sup>14</sup> Regulated activities: Enedis, Électricité de Strasbourg and island activities. Enedis is an independent EDF subsidiary as defined in the French Energy Code

<sup>&</sup>lt;sup>15</sup> The company that holds 100% of RTE's shares (an independent EDF subsidiary as defined in the French Energy Code)

<sup>&</sup>lt;sup>16</sup> Linky is a project led by Enedis, an independent EDF subsidiary as defined in the French Energy Code

<sup>&</sup>lt;sup>17</sup> New developments: in particular the UK NNB and offshore wind farm projects



first half of 2017, compared to €5,569 million in the first half of 2016, taking into account the sale of 49.9% of CTE<sup>15</sup>.

Operating cash flow amounted to  $\notin$ 4,156 million in the first half of 2017 compared to  $\notin$ 7,959 million in the first half of 2016, a decrease of  $\notin$ 3,803 million. This change was due primarily to the decrease of  $\notin$ 1,948 million in EBITDA and to the increase in the income taxes paid.

Cash flow after net investments was up significantly to  $\in$ 3,158 million thanks primarily to the sale of 49.9% of CTE<sup>15</sup> and to a favourable change in the working capital requirement. Group cash flow<sup>18</sup> amounted to +€1,482 million. It incorporates the payment in shares of the majority of the final dividend for 2016 and regulatory allocation<sup>19</sup> to the dedicated assets.

	31/12/2016	30/06/2017
Net financial debt <sup>20</sup> (in billions of euros)	37.4	31.3
Net financial debt/EBITDA	2.3x	2.2x <sup>21</sup>

The Group's net financial debt amounted to  $\notin$ 31,268 million at 30 June 2017. It was  $\notin$ 37,425 million at 31 December 2016. This improvement is mainly attributable to the capital increase of  $\notin$ 4 billion and to asset disposals carried out in the first half of 2017. The ratio of net financial debt/EBITDA was 2.2x at 30 June 2017, in line with Group's target for 2017 of less than 2.5x.

<sup>&</sup>lt;sup>18</sup> Cash flow after dividends without taking into consideration the capital increase

<sup>&</sup>lt;sup>19</sup> Allocation to the dedicated assets of €1,095 million in compliance with the ministerial letter of 10 February 2017

<sup>&</sup>lt;sup>20</sup> Net financial debt is not defined by accounting standards and is not directly visible in the Group's consolidated income statement. It comprises total loans and financial liabilities, less cash and cash equivalents and liquid assets. Liquid assets are financial assets consisting of funds or securities with initial maturity of over three months that are readily convertible into cash and are managed according to a liquidity-oriented policy

<sup>&</sup>lt;sup>21</sup> The ratio at 30 June 2017 is calculated based on cumulative EBITDA for the second half-year of 2016 and the first half-year of 2017



#### Main Group results by segment

#### France – Generation and supply activities

	H1 2016	H1 2017	Organic change (%)
Sales	18,683	18,564	-0.6
EBITDA	3,450	2,453	-28.9

Sales in the first half of 2017 in the France - Generation and supply segment amounted to €18,564 million, corresponding to a decline of €119 million (-0.6%) compared to the first half of 2016.

EBITDA was down 28.9% organically to €2,453 million in an unfavourable market environment.

In the first half of 2017, the decrease in nuclear output and hydropower output compared to the first half of 2016 had an unfavourable impact on EBITDA estimated at -€514 million.

EBITDA was also affected by negative market conditions and ARENH subscriptions in November 2016 (40.7TWh for the first half of 2017) for an estimated total of -€504 million. Tariff changes, excluding the incorporation of the capacity payment in the tariff "stacking" calculation, led to an estimated decrease of -€221 million compared to the first half of 2016.

Intense competition and negative price effects on new offers also affected downstream market conditions, with a net unfavourable impact estimated at -€191 million.

The weather effect, in particular in January 2017, as well as the leap year in 2016, had a negative effect estimated at -€183 million in comparison to the same period in 2016.

The introduction of the capacity mechanism<sup>22</sup> had a favourable +€286 million estimated impact on EBITDA for the first half of 2017.

Under the EDF group's performance plan, operating expenses<sup>23</sup> were brought down by an estimated €272 million (-6.0%) through operating performance action on purchases and control of staff costs. These measures are being applied across all entities, cutting the costs of support functions and commercial activities, and optimising costs for the hydropower, nuclear and thermal fleets.

Nuclear output reached 197.2TWh at the end of June 2017, a level in line with forecasts.

The 8.0TWh (-3.9%) year-on-year decrease is essentially explained at the fact that Gravelines 5 and Fessenheim 2 were offline for the whole period for checks in connection with the Creusot Forge manufacturing records, and also by completion of tests on the steam generators concerned by the carbon segregation issue during the first quarter of 2017.

The unplanned reactor outages at Flamanville 1 and Cattenom 1 were largely counterbalanced by higher dispatch of the reactors in operation.

Based on nuclear power output at 30 June, and the restart of operations by the Bugey 5 and the Gravelines 5 reactors, the Group confirms its nuclear output target of 390-400TWh for 2017.

Hydropower output<sup>24</sup> stood at 21.3TWh<sup>25</sup>, down by 4.2TWh compared to the first half of 2016 due to less favourable hydrological conditions.

<sup>&</sup>lt;sup>22</sup> The introduction of the capacity mechanism on 1 January 2017 affected tariffs, purchases and sales on the wholesale markets and market price offers

<sup>&</sup>lt;sup>23</sup> At comparable consolidation scope and exchange rate. At constant pension discount rates. Excluding change in operational expenditures of service activities

<sup>&</sup>lt;sup>24</sup> Hydropower, excluding island activities before deduction of pumped volumes



Thermal generation facilities, particularly gas-fired plants, were used more extensively. Their output, up 3.6TWh compared to the first half of 2016, reached 7.8TWh.

### France – Regulated activities

	H1 2016	H1 2017	Organic change (%)
Sales	8,125	8,174	+0.6
EBITDA	2,791	2,400	-14.0

Sales in the first half of 2017 in the France - Regulated activities segment amounted to €8,174 million, an organic increase of €49 million (+0.6%) compared to the first half of 2016.

EBITDA was down organically by  $\in$ 391 million (-14.0%) with in particular an unfavourable volume effect estimated at  $\in$ -91 million linked to weather effects, overruns in subscribed capacity due to the significant cold spell in January 2017 and the leap year effect in 2016. Exceptionally forceful gales in mainland France were another significant factor in the first half-year of 2017, with an estimated negative impact of - $\in$ 62 million on operating expenses and indemnities for power cuts. All these unfavourable elements were only partially offset by tariff rises (estimated at + $\in$ 50 million). In addition, positive factors in 2016 that had no equivalent in 2017 also adversely affected EBITDA (- $\notin$ 240 million).

<sup>25</sup> After deduction of pumped-storage hydropower volumes: 22.1TWh in H1 2016 and 17.6TWh in H1 2017



## **United Kingdom**

In millions of euros	H1 2016	H1 2017	Organic change (%)
Sales	4,988	4,427	-1.8
EBITDA	1,118	627	-34.4

The United Kingdom contributed €4,427 million to Group sales in the first half of 2017, down €561 million. EBITDA amounted to €627 million, down 34.4% in organic terms compared to June 2016.

EBITDA was mainly affected by the decline in the energy margin mainly due to lower realised nuclear prices. The drop in consumption from residential customers following milder weather also had an impact on EBITDA. However, the number of customer accounts is quasi stable.

Nuclear output amounted to 32.2TWh, +1.3TWh compared to June 2016, thanks to good operational performance driven by favourable scheduling of the refuelling operations during the first half of 2017 and good availability of the nuclear fleet.

#### Italy

In millions of euros	H1 2016	H1 2017	Organic change (%)
Sales	5,561	4,968	-10.8
EBITDA	328	426	+28.4

In Italy, sales for the first half of 2017 amounted to €4,968 million, an organic decrease of 10.8% over the first of half 2016, without having a significant effect on the margin. EBITDA recorded an organic increase of 28.4% to €426 million.

EBITDA for the Electricity activities was up, essentially reflecting favourable trends in average electricity sale prices. Also, the good performance in thermal power generation made up for the lower hydropower generation.

EBITDA for the Hydrocarbon activities recorded organic growth, principally driven by favourable movements in Brent oil and gas prices, and better optimisation of maintenance costs for the exploration-production activity. The downstream margin is improving.



### **Other International**

In millions of euros	H1 2016	H1 2017	Organic change (%)
Sales	2,708	2,537	-2.8
EBITDA	<b>363</b> <sup>26</sup>	275	-21.5

Sales in the Other International segment amounted to €2,537 million, down by 2.8% in organic terms compared to the first half of 2016. EBITDA recorded an organic decrease of 21.5% to €275 million.

In Belgium, EBITDA recorded an organic decrease of 40.4% to €69 million. This decline was attributable to the downturn in electricity sale prices and lower nuclear generation due to the maintenance programme. Unfavourable weather factors (winds, water) also contributed to the decline in renewable energy generation. Service activities were up and installed wind power capacity continued to increase to reach 309MW at the end of June 2017 (+3% compared with 31 December 2016).

In Poland<sup>27</sup>, EBITDA totalled €133 million, corresponding to an organic growth of 2.4%, thanks to the increase in heat volumes and energy savings certificates, combined with the fall in the price of coal consumed. EDF Polska's assets are currently held for sale<sup>28</sup>.

After an exceptional year in 2016, Brazil's EBITDA has been negatively affected by the downward revision of the annual PPA (power purchase agreement) price.

<sup>&</sup>lt;sup>26</sup> EBITDA of the first half of 2016, including the activities of EDF Demasz in Hungary, sold on 31 January 2017

<sup>&</sup>lt;sup>27</sup> EDF EN and Dalkia's activities in Poland are incorporated in the "Other activities" segment

<sup>&</sup>lt;sup>28</sup> EDF Polska assets currently held for sale, see press release published by EDF on 19 May 2017



### Other activities

In millions of euros	H1 2016	H1 2017	Organic change (%)
Sales	3,528	3,811	+6.8
EBITDA	894	815	-9.4

Sales in the Other activities segment amounted to €3,811 million, up 6.8% in organic terms over 2016. EBITDA recorded an organic decrease of 9.4% to €815 million.

EDF Énergies Nouvelles' contribution to consolidated EBITDA totalled €451 million, corresponding to an organic decrease of €113 million (-20.4%) from the first half of 2016. The net installed capacity was up by 0.8GW to reach 6.7GW at 30 June 2017. Generation continued its organic growth, rising by 5.0% over the first half of 2017. The portfolio of projects under construction by EDF Énergies Nouvelles increased significantly to 2.4GW gross at the end of June 2017 (of which 0.9GW in solar power). The significant volume of operations relating to the Development and Sales of Structured Assets activity in the first half of 2016 in Europe (Portugal, Greece), which had no equivalent in 2017, had a negative impact on EBITDA.

Dalkia's EBITDA was €155 million, corresponding to a year-on-year organic increase of €12 million (+8.9%), notably thanks to conclusion or renewal of a large number of commercial contracts, such as the energy management of municipal buildings in Valence, France, over a period of seven years, or the recovery of heat from the PSA site in Charleville-Mézières over 25 years. EBITDA of the first half of 2017 benefited from the favourable trends in the indexes for revising service prices and the positive effect of rising energy prices.

EBITDA at EDF Trading amounted to €187 million in the first half of 2017, an organic increase of 3.2% compared to first-half 2016. This increase resulted from a good performance in January, partly counterbalanced by unfavourable market conditions in particular on seasonal gas contracts in North America.



# Main events<sup>29</sup> since the 2017 first quarter press release

## Major Events

- EDF partially waived one of the conditions precedent contained in the NEW NP acquisition agreement (see press release of 12 July 2017)
- Binding agreements were signed with strategic investors for the acquisition of an equity stake in NEW NP (see press release of 10 July 2017)
- Clarifications were made to the Hinkley Point C project: update of project costs (see press release of 3 July 2017)
- Approval of the Flamanville 3 vessel: draft opinion of the French Nuclear Safety Agency (ASN) specifying that the composition of the steel of the vessel head and bottom is not likely to call into question its commissioning under certain conditions and in particular the replacement of the vessel head by the end of 2024 (see press release of 29 June 2017)
- EDF announced the signing of an agreement with PGE for the sale of EDF Polska's assets (see press release of 19 May 2017 and note 2.5.2 to the condensed consolidated half-year financial statements at 30 June 2017)
- EDF's Board of Directors approved the creation of EDVANCE, a significant milestone in the reconstruction of the French nuclear industry (see press release of 17 May 2017)

#### New investments, partnerships and investment projects

#### Development of renewable energies, EDF Énergies Nouvelles<sup>30</sup>

- On 20 July 2017, EDF Énergies Nouvelles announced the success of its simplified tender offer for FUTUREN (see note 3.1 to the condensed consolidated half-year financial statements at 30 June 2017)
- On 13 July 2017, EDF Énergies Nouvelles acquired a group of wind power projects in the United Kingdom with capacity of over 600MW
- On 5 July 2017, EDF Énergies Nouvelles acquired OWS, an offshore wind farm operations and maintenance specialist
- On 22 June 2017, EDF Énergies Nouvelles announced the strengthening of its positions in the Auvergne-Rhône-Alpes region
- On 21 June 2017, EDF Énergies Nouvelles signed a Power Purchase Agreement for a 100MW wind project in the United States
- On 19 June 2017, EDF Énergies Nouvelles announced that it would undertake a new solar project (115MWp) in Brazil
- The EDF group, together with EDF ENR, consolidated and diversified its position in the self-consumption market in France (see press release of 7 June 2017)

<sup>&</sup>lt;sup>29</sup> For more details see Section 2 of the Half-year Management Report at 30 June 2017, the full list of press releases is available on the website: www.edf.fr <sup>30</sup> A full list of press releases is available from the EDF Énergies Nouvelles website: www.edf-energies-nouvelles.com



• Finalisation of the financing of Phase 3 of the 800MW Mohammed bin Rashid Al Maktoum Solar Park (see press release of 14 June 2017)

### **Development of energy services**

- On 6 June 2017, EDF Energy Services acquired Imtech, a leading engineering services company and provider of technical services to construction, industrial, commercial and public sector clients in the UK and Ireland (see note 22.1.2 of the Annex to the condensed consolidated half-year financial statements at 30 June 2017)
- EDF is aiming to double its sales by 2025 in energy services for businesses and local authorities (see press release of 20 June 2017)
- On 11 May 2017, Sowee launched its first connected charging station for electric vehicles

#### Sustainable development

- EDF received the ISO 14001 certification from AFNOR Certification for the fifth time (see press release of 23 June 2017)
- EDF signed an innovative bilateral Revolving Credit Facility with an interest rate that depends on its sustainability rating (see press release of 22 May 2017)

# Other significant events

- New Leadership roles announced at EDF Energy (see press release of 27 July 2017)
- Results of the option for the payment of the balance of the dividend to be paid for 2016 (see press release on 28 June 2017 and notes 17.1 and 17.2 of the annex to the condensed consolidated financial statements at 30 June 2017)
- Jean-Bernard Lévy, EDF's Chairman and CEO, made several appointments within the Executive Committee, which took effect on 17 July 2017 (see press release of 12 June 2017)

### Innovation

• EDF and CEA consolidated their R&D collaboration in the areas of nuclear, digital technology and energy transition (see press release of 19 June 2017)



# **APPENDICES :**

# Consolidated income statement

(in millions of euros)	H1 2017	H1 2016
Sales	35,723	36,659
Fuel and energy purchases	(19,345)	(18,764)
Other external expenses	(3,733)	(3,991)
Personnel expenses	(6,286)	(6,333)
Taxes other than income taxes	(2,687)	(2,727)
Other operating income and expenses	3,324	4,100
Operating profit before depreciation and amortisation	6,996	8,944
Net changes in fair value on energy and commodity derivatives, excluding trading activities	(196)	(77)
Net depreciation and amortisation	(4,212)	(3,916)
Net increases in provisions for renewal of property, plant and equipment operated under concessions	(41)	(15)
(Impairment)/reversals	(32)	(300)
Other income and expenses	1,367	(124)
Operating profit	3,882	4,512
Cost of gross financial indebtedness	(879)	(953)
Discount effect	(1,283)	(1,367)
Other financial income and expenses	1,174	1,096
Financial result	(988)	(1,224)
Income before taxes of consolidated companies	2,894	3,288
Income taxes	(712)	(960)
Share in net income of associates and joint ventures	(93)	(162)
GROUP NET INCOME	2,089	2,166
EDF net income	2,005	2,081
Net income attributable to non-controlling interests	84	85
Earnings per share (EDF share) in Euros:		
Earnings per share	0.66	0.88
Diluted earnings per share	0.66	0.88



# **Consolidated balance sheet**

ASSETS (in millions of euros)	30/06/2017	31/12/2016
Goodwill	8,750	8,923
Other intangible assets	7,630	7,450
Property, plant and equipment operated under French public electricity distribution concessions	53,682	53,064
Property, plant and equipment operated under concessions for other activities	7,604	7,616
Property, plant and equipment used in generation and other tangible assets owned by the Group	71,187	70,573
Investments in associates and joint ventures	6,995	8,645
Non-current financial assets	37,040	35,129
Other non-current receivables	2,164	2,268
Deferred tax assets	1,955	1,641
Non-current assets	197,007	195,309
Inventories	13,692	14,101
Trade receivables	21,500	23,296
Current financial assets	29,381	29,986
Current tax assets	552	183
Other current receivables	10,174	10,652
Cash and cash equivalents	3,804	2,893
Current assets	79,103	81,111
Assets classified as held for sale	1,781	5,220
TOTAL ASSETS	277,891	281,640



EQUITY AND LIABILITIES (in millions of euros)	30/06/2017	31/12/2016
Capital	1,444	1,055
EDF net income and consolidated reserves	38,308	33,383
Equity (EDF share)	39,752	34,438
Equity (non-controlling interests)	7,086	6,924
Total equity	46,838	41,362
Provisions related to nuclear generation - back-end of the nuclear cycle, plant decommissioning and last cores	44,954	44,843
Provisions for decommissioning of non-nuclear facilities	1,516	1,506
Provisions for employee benefits	21,258	21,234
Other provisions	1,970	2,155
Non-current provisions	69,698	69,738
Special French public electricity distribution concession liabilities	46,013	45,692
Non-current financial liabilities	51,669	54,276
Other non-current liabilities	4,836	4,810
Deferred tax liabilities	2,927	2,272
Non-current liabilities	175,143	176,788
Current provisions	5,632	5,228
Trade payables	10,983	13,031
Current financial liabilities	14,486	18,289
Current tax liabilities	164	419
Other current liabilities	24,155	24,414
Current liabilities	55,420	61,381
Liabilities related to assets classified as held for sale	490	2,109
TOTAL EQUITY AND LIABILITIES	277,891	281,640



# Consolidated cash flow statement

(In millions of euros)	H1 2017	H1 2016
Operating activities:		
Income before taxes of consolidated companies	2,894	3,288
Impairment/(reversals)	32	300
Accumulated depreciation and amortisation, provisions and changes in fair value	4,420	4,308
Financial income and expenses	429	462
Dividends received from associates and joint ventures	76	210
Capital gains/losses	(2,039)	(447)
Change in working capital	482	(1,720)
Net cash flow from operations	6,294	6,401
Net financial expenses disbursed	(828)	(800)
Income taxes paid	(827)	638
Net cash flow from operating activities	4,639	6,239
Investing activities: Acquisitions of equity investments, net of cash acquired	(115)	(62)
Disposals of equity investments, net of cash transferred <sup>(1)</sup>	1,822	(82)
Investments in intangible assets and property, plant and equipment	(6,535)	(6,577)
Net proceeds from sale of intangible assets and property, plant and equipment	487	(0,017)
Changes in financial assets	(3,276)	(584)
Net cash flow used in investing activities	(7,617)	(6,860)
Financing activities:	(-,,	(-,,
EDF capital increase	4,005	-
Transactions with non-controlling interests <sup>(2)</sup>	224	2
Dividends paid by parent company	(75)	(81)
Dividends paid to non-controlling interests	(102)	(119)
Purchases/sales of treasury shares	· · ·	4
Cash flows with shareholders	4,052	(194)
Issuance of borrowings	1,870	638
Repayment of borrowings	(2,132)	(1,019)
Payments to bearers of perpetual subordinated bonds	(394)	(401)
Funding contributions received for assets operated under concessions	66	69
Investment subsidies	344	405
Other cash flows from financing activities	(246)	(308)
Net cash flow from financing activities	3,806	(502)
Net increase/(decrease) in cash and cash equivalents	828	(1,123)
CASH AND CASH EQUIVALENTS - OPENING BALANCE	2,893	4,182
Net increase/(decrease) in cash and cash equivalents	828	(1,123)
Effect of currency fluctuations	(33)	(99)
Financial income on cash and cash equivalents	11	7
	405	47
Effect of reclassifications	105	17





A key player in energy transition, the EDF Group is an integrated electricity company, active in all areas of the business: generation, transmission, distribution, energy supply and trading, energy services. A global leader in low-carbon energies, the Group has developed a diversified generation mix based on nuclear power, hydropower, new renewable energies and thermal energy. The Group is involved in supplying energy and services to approximately 37.1 million customers, 26.2 million of which are in France. It generated consolidated sales of €71 billion in 2016. EDF is listed on the Paris Stock Exchange.

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