

PJSC Enel Russia

Consolidated financial statements

*For the year ended 31 December 2016
with independent auditor's report*

Contents

Independent auditor's report	3
Consolidated statement of financial position	5
Consolidated statement of comprehensive income	6
Consolidated statement of cash flows	7
Consolidated statement of changes in equity	8
Notes to the consolidated financial statements.....	10

Independent auditor's report

To the shareholders of
Public joint stock company "Enel Russia"

We have audited the accompanying consolidated financial statements of Public joint stock company "Enel Russia" and its subsidiaries, which comprise the consolidated statement of financial position as at 31 December 2016, and the consolidated income statement, consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for 2016, and a summary of significant accounting policies and other explanatory information.

Audited entity's responsibility for the consolidated financial statements

Management of Public joint stock company "Enel Russia" is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with International Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's responsibility

Our responsibility is to express an opinion on the fairness of these consolidated financial statements based on our audit.

We conducted our audit in accordance with the federal standards on auditing effective in the Russian Federation. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing audit procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The audit procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of Public joint stock company "Enel Russia" and its subsidiaries as at 31 December 2016, and their financial performance and cash flows for 2016 in accordance with International Financial Reporting Standards.



T.L. Okolotina
Partner
Ernst & Young LLC

16 March 2017

Details of the audited entity

Name: Public joint stock company "Enel Russia"
Record made in the State Register of Legal Entities on 27 October 2004, State Registration Number 1046604013257.
Address: Russia 620014, Sverdlovsk region, Yekaterinburg, Kokhryakova str., 10

Details of the auditor

Name: Ernst & Young LLC
Record made in the State Register of Legal Entities on 5 December 2002, State Registration Number 1027739707203.
Address: Russia 115035, Moscow, Sadovnicheskaya naberezhnaya, 77, building 1.
Ernst & Young LLC is a member of Self-regulated organization of auditors "Russian Union of auditors" (Association) ("SRO RUA"). Ernst & Young LLC is included in the control copy of the register of auditors and audit organizations, main registration number 11603050648.

PJSC Enel Russia
Consolidated statement of financial position
As at 31 December 2016
Thousands of Russian roubles, unless otherwise stated

	Notes	31 December 2016	31 December 2015
Assets			
Non-current assets			
Property, plant and equipment	5	56,517,784	51,887,794
Intangible assets	6	336,300	327,594
Available-for-sale financial assets		48,030	30,000
Non-current derivative assets	22	566,260	1,523,220
Deferred Income Tax asset	12	1,156,289	2,090,223
Other non-current assets	7	2,310,080	2,178,083
Total non-current assets		60,934,743	58,036,914
Current assets			
Inventories	9	4,982,610	5,640,834
Trade and other receivables	8	5,640,374	8,009,174
Income tax receivable		-	1,175,280
Current derivative asset	22	-	3,054,710
Cash and cash equivalents	10	5,750,770	10,445,150
Total current assets		16,373,754	28,325,148
Total assets		77,308,497	86,362,062
Equity and liabilities			
Equity			
	11		
Share capital		35,371,898	35,371,898
Share premium		6,818,747	6,818,747
Treasury shares		(411,060)	(411,060)
Fair value reserve		30,030	11,780
Hedge reserve		204,944	191,434
Accumulated deficit		(6,689,046)	(10,909,549)
Total equity attributable to equity holders of PJSC Enel Russia		35,325,513	31,073,250
Non-controlling interest		(48,250)	(42,960)
Total equity		35,277,263	31,030,290
Non-current liabilities			
Loans and borrowings	13	23,356,620	31,606,493
Employee benefits	14	2,346,270	2,013,640
Provisions	17	873,956	804,004
Other non-current liabilities		270	540
Total non-current liabilities		26,577,116	34,424,677
Current liabilities			
Loans and borrowings	13	2,742,530	3,385,157
Current derivative liabilities	22	370,120	-
Trade and other payables	15	9,603,868	14,492,831
Current income tax payable		78,688	-
Other taxes payable	16	1,044,613	1,063,910
Provisions	17	1,614,299	1,965,197
Total current liabilities		15,454,118	20,907,095
Total liabilities		42,031,234	55,331,772
Total equity and liabilities		77,308,497	86,362,062

General Director

C. Palasciano

Chief Accountant

V. Grishachev

16 March 2017

The notes on pages 10 to 41 are an integral part of these consolidated financial statements.

PJSC Enel Russia
Consolidated statement of comprehensive income
For the year ended 31 December 2016
Thousands of Russian roubles, unless otherwise stated

	Notes	For the year ended 31 December 2016	For the year ended 31 December 2015
Revenue	18	72,211,396	70,992,133
Operating expenses	19	(62,783,409)	(126,940,177)
Other operating income		905,980	1,265,628
Operating profit/(loss)		10,333,967	(54,682,416)
Finance income	20	4,025,271	1,517,053
Finance costs	20	(8,861,684)	(7,323,430)
Profit/(loss) before income tax		5,497,554	(60,488,793)
Income tax (expense)/benefit	12	(1,110,672)	11,859,346
Profit/(loss) for the year		4,386,882	(48,629,447)
Other comprehensive income			
Net change in fair value of available-for-sale financial assets		22,813	20,988
Income tax effect		(4,563)	(4,198)
Net movement on cash flow hedges	21	16,888	(977,133)
Income tax effect	21	(3,378)	195,427
Net other comprehensive income/(loss) to be reclassified to profit and loss in subsequent periods		31,760	(764,916)
Actuarial losses on defined benefits plans	14	(214,586)	(545,394)
Income tax effect	14	42,917	109,079
Net other comprehensive (loss)/income not being reclassified to profit and loss in subsequent periods		(171,669)	(436,315)
Total comprehensive income/(loss) for the year		4,246,973	(49,830,678)
Profit/(loss) attributable to:			
Owners of PJSC Enel Russia		4,392,172	(48,622,677)
Non-controlling interest		(5,290)	(6,770)
Total comprehensive income/(loss) attributable to:		4,252,263	(49,823,908)
Owners of PJSC Enel Russia		4,252,263	(49,823,908)
Non-controlling interest		(5,290)	(6,770)
Earnings/(loss) per ordinary share for profit attributable to the equity holders of PJSC Enel Russia – basic and diluted (in Russian Roubles per share)	11	0.1247	(1.3807)

General Director

C. Palasciano

Chief Accountant

V.V. Grishachev

16 March 2017

PJSC Enel Russia
Consolidated statement of cash flows
For the year ended 31 December 2016
Thousands of Russian roubles, unless otherwise stated

	Notes	For the year ended 31 December 2016	For the year ended 31 December 2015
Cash flows from operating activities			
Profit/(loss) before income tax		5,497,554	(60,488,793)
<i>Adjustments for:</i>			
Depreciation and amortization	5, 6, 19	3,106,310	5,758,327
Loss on disposal of property, plant and equipment	19	(6,590)	539,090
Impairment of property, plant and equipment and other non-current assets	5	–	58,175,895
Finance income	20	(4,025,271)	(1,517,053)
Finance costs	20	8,861,684	7,323,430
Change in allowance for impairment of trade and other receivables	8	468,363	1,569,420
Change in other provisions	17	94,198	356,196
Adjustments for other non-cash transactions		105,669	22,871
		14,101,917	11,739,383
Decrease/(increase) in trade and other receivables		1,935,053	(2,502,395)
Decrease/(increase) in inventories		534,580	(624,134)
(Decrease)/increase in trade and other payables		(5,394,792)	(1,387,253)
(Decrease)/increase in taxes payable, other than income tax		(19,297)	159,865
Net cash inflow from operating activities before income tax paid		11,157,461	7,385,466
Dividends paid		–	(2,855,600)
Income tax returned from budget		1,120,224	291,192
Net cash from operating activities		12,277,685	4,821,058
Cash flows from investing activities			
Acquisition of property, plant and equipment and other non-current assets		(8,534,995)	(8,074,192)
Interest received		936,000	867,539
Net cash used in investing activities		(7,598,995)	(7,206,653)
Cash flows from financing activities			
Proceeds from the issue of current loans and borrowings		–	4,000,000
Proceeds from the issue of non-current loans and borrowings		10,000,000	10,000,000
Repayment of loans and borrowings		(16,342,222)	(11,328,025)
Interest paid		(2,719,501)	(1,577,930)
Proceeds from derivatives		–	6,354,793
Payment on derivatives		(311,347)	(2,175,673)
Net cash (used in)/from financing activities		(9,373,070)	5,273,165
Net (decrease)/increase in cash and cash equivalents		(4,694,380)	2,887,570
Cash and cash equivalents at 1 January		10,445,150	7,557,580
Cash and cash equivalents at 31 December	10	5,750,770	10,445,150

General Director

C. Palasciano

Chief Accountant

V.V. Grishachev

16 March 2017

The notes on pages 10 to 41 are an integral part of these consolidated financial statements.

PJSC Enel Russia
Consolidated statement of changes in equity
For the year ended 31 December 2016
Thousands of Russian roubles, unless otherwise stated

Notes	Attributable to equity holders of PJSC Enel Russia						Total	Non-controlling interest	Total equity
	Share capital	Share premium	Treasury shares	Fair value reserve	Hedge reserve	Retained earnings			
Balance at 1 January 2015	<u>35,371,898</u>	<u>6,818,747</u>	<u>(411,060)</u>	<u>(5,010)</u>	<u>973,140</u>	<u>41,005,043</u>	<u>83,752,758</u>	<u>(36,190)</u>	<u>83,716,568</u>
(Loss)/profit for the year	–	–	–	–	–	(48,622,677)	(48,622,677)	(6,770)	(48,629,447)
Distribution of dividends	–	–	–	–	–	(2,855,600)	(2,855,600)	–	(2,855,600)
Other comprehensive income									
Net movement on cash flow hedges, net of tax	21	–	–	–	–	(781,706)	(781,706)	–	(781,706)
Net change in fair value of available-for-sale financial assets, net of tax		–	–	–	16,790	–	16,790	–	16,790
Actuarial gains on defined benefits plans, net of tax	14	–	–	–	–	(436,315)	(436,315)	–	(436,315)
Total other comprehensive income/(loss)		<u>–</u>	<u>–</u>	<u>–</u>	<u>16,790</u>	<u>(781,706)</u>	<u>(436,315)</u>	<u>–</u>	<u>(1,201,231)</u>
Total comprehensive income/(loss) for the year		<u>–</u>	<u>–</u>	<u>–</u>	<u>16,790</u>	<u>(781,706)</u>	<u>(49,058,992)</u>	<u>(6,770)</u>	<u>(49,830,678)</u>
Balance at 31 December 2015	<u>35,371,898</u>	<u>6,818,747</u>	<u>(411,060)</u>	<u>11,780</u>	<u>191,434</u>	<u>(10,909,549)</u>	<u>31,073,250</u>	<u>(42,960)</u>	<u>31,030,290</u>

The notes on pages 10 to 41 are an integral part of these consolidated financial statements.

PJSC Enel Russia
Consolidated statement of changes in equity (continued)
For the year ended 31 December 2016
Thousands of Russian roubles, unless otherwise stated

Notes	Attributable to equity holders of PJSC Enel Russia						Total	Non-controlling interest	Total equity	
	Share capital	Share premium	Treasury shares	Fair value reserve	Hedge reserve	Retained earnings				
Balance at 1 January 2016	<u>35,371,898</u>	<u>6,818,747</u>	<u>(411,060)</u>	<u>11,780</u>	<u>191,434</u>	<u>(10,909,549)</u>	<u>31,073,250</u>	<u>(42,960)</u>	<u>31,030,290</u>	
Profit/(loss) for the year	-	-	-	-	-	4,392,172	4,392,172	(5,290)	4,386,882	
Other comprehensive income										
Net movement on cash flow hedges, net of tax	21	-	-	-	13,510	-	13,510	-	13,510	
Net change in fair value of available-for-sale financial assets, net of tax		-	-	18,250	-	-	18,250	-	18,250	
Actuarial losses on defined benefits plans, net of tax	14	-	-	-	-	(171,669)	(171,669)	-	(171,669)	
Total other comprehensive income/(loss)		-	-	18,250	13,510	(171,669)	(139,909)	-	(139,909)	
Total comprehensive income/(loss) for the year		-	-	18,250	13,510	4,220,503	4,252,263	(5,290)	4,246,973	
Balance at 31 December 2016		<u>35,371,898</u>	<u>6,818,747</u>	<u>(411,060)</u>	<u>30,030</u>	<u>204,944</u>	<u>(6,689,046)</u>	<u>35,325,513</u>	<u>(48,250)</u>	<u>35,277,263</u>

General Director

C. Palasciano

Chief Accountant

V.V. Grishachev

16 March 2017

The notes on pages 10 to 41 are an integral part of these consolidated financial statements.

1. BACKGROUND

a) Organisation and operations

Public Joint-Stock Company “Enel Russia” (the “Company” or “Enel Russia”, previously known as OJSC “The Fifth Generating Company of the Wholesale Electric Power Market”, Open Joint-Stock Company “Enel OGK-5”, Open Joint-Stock Company “Enel Russia”) was established on 27 October 2004 within the framework of Russian electricity sector restructuring in accordance with the Resolution No. 1254-r adopted by the Government of the Russian Federation on 1 September 2003.

Enel Investment Holding B.V. is a parent company with share in the Share capital of the Company amounted to 56.43%. Ultimate parent company is Enel S.p.A., listed on Milan Stock Exchange.

According to the latest available information, as of 31 December 2016 PFR Partners Fund I Limited owns 6,732,340,483 (19.03% of share capital of Enel Russia); Prosperity Capital Management Limited together with others have rights for 2,773,444,063 of voting shares (7.84% of share capital).

The Enel Russia Group (the “Group”) operates 4 State District Power Plants (“SDPP”) and its principal activity is electricity and heat generation. Furthermore, the Company owns:

- A wholly-owned subsidiary LLC “OGK-5 Finance”;
- A wholly-owned subsidiary OJSC “Health resort-preventorium “Energetik”;
- A wholly-owned subsidiary LLC “Prof-Energo”;
- 60% interest subsidiary OJSC “Teploprogress”. The State Property Committee of Sredneuralsk holds the remaining 40% ownership interest in OJSC “Teploprogress”.

The Company is registered by the Lenin District Inspectorate of the Russian Federation Ministry of Taxation of Yekaterinburg, Sverdlovsk region. The Company’s office is located at bld. 1, 7, Pavlovskaya, 115093, Moscow, Russia.

b) Relations with the State and its influence on the Group’s activities

The Group’s customer base includes a large number of entities controlled by or related to the state.

The Government of the Russian Federation directly affects the Group’s operations through regulation by the Federal Antimonopoly Service (“FAS”), with respect to its sale of energy and capacity, and by the Regional Energy Commissions (“RECs”) or by the Regional Tariff Commission (“RTC”), with respect to its heat energy and other products. The operations of all generating facilities are coordinated by OJSC “System Operator – the Central Dispatch Unit of Unified Energy System” (“SO-CDU”) in order to meet system requirements in an efficient manner. SO-CDU is controlled by NP “Administrator of trade system”.

Tariffs for sales of electricity for householders, heat and other products are calculated on the basis of legislative documents, which regulate pricing of heat and electricity. Tariffs are calculated in accordance with the “Cost-Plus” method and “Indexation” method. Costs are determined under the Regulations on Accounting and Reporting of the Russian Federation, a basis of accounting which significantly differs from International Financial Reporting Standards (“IFRS”).

2. BASIS OF PREPARATION

a) Statement of compliance

These consolidated financial statements (“Financial Statements”) have been prepared in accordance with International Financial Reporting Standard (“IFRS”). Each enterprise of the Group individually maintains its own books of accounts and prepares its statutory financial statements in accordance with the Regulations on Accounting and Reporting of the Russian Federation. The accompanying Financial Statements are based on the statutory records and adjusted and reclassified for the purpose of fair presentation in accordance with IFRS.

b) Basis of measurement

The consolidated financial statements are prepared on the historical cost basis except that derivative financial instruments, investments at fair value through profit or loss, financial investments classified as available-for sale are stated at fair value.

2. BASIS OF PREPARATION (continued)

c) Functional and presentation currency

The national currency of the Russian Federation is the Russian Rouble (“RUB”), which is the Company’s functional currency and the currency in which these financial statements are presented.

All financial information presented in RUB has been rounded to the nearest thousand, except where otherwise indicated. Each entity in the Group determines the same functional currency and items included in the financial statements of each entity are measured using that functional currency.

d) Use of judgments, estimates and assumptions and changes thereof

Management has made a number of judgments, estimates and assumptions relating to the reporting of assets and liabilities and the disclosure of contingent assets and liabilities to prepare these consolidated financial statements. Actual outcomes may differ from those estimates.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimates are revised and in any future periods affected.

In particular, information about significant areas of estimation uncertainty and critical judgments in applying accounting policies that have the most significant effect on the consolidated financial statements is described below:

Impairment of trade accounts receivable

Management believes that the majority of customers, the balances of which are included in trade receivables, comprise a single class, as they bear the same characteristics. Those customers belong to the same wholesale market of electric power, which is regulated by NP ATS (Non-commercial Partnership “Administrator of Trade System”).

Management has determined the provision for impairment of accounts receivable based on specific customer identification, customer payment trends, subsequent receipts and settlements and analysis of expected future cash flows. Further details are given in Note 8.

Useful lives of property, plant and equipment

The estimation of the useful life of an item of property, plant and equipment is a matter of management judgment based upon experience with similar assets. In determining the useful life of an asset, management considers the expected usage, estimated technical obsolescence, physical wear and tear and the physical environment in which the asset is operated. Changes in any of these conditions or estimates may result in adjustments for future depreciation rates. The Group policy is to periodically review the estimated useful lives of its property plant and equipment. In 2016 Group did not revise the estimated useful lives for any category of property, plant and equipment.

Further details about the useful lives applied are given in Note 3 (e).

Impairment of non-current assets

An impairment exists when the carrying value of an asset or cash generating unit exceeds its recoverable amount, which is the higher of its fair value less costs to disposal and its value in use. The fair value less costs to sell calculation is based on available data from binding sales transactions, conducted as arm’s length, for similar assets or observable market prices less incremental costs for disposing of the asset. The value in use calculation is based on a discounted cash flow model. The cash flows are derived from the management approved budgets for the next five years. The recoverable amount is highly and mostly sensitive to the discount rate used for the discounted cash flow model as well as the expected future cash-inflows and the growth rate used for extrapolation purposes in a terminal period.

In identifying CGUs, management took account of the specific nature of its assets and the business in which it is involved (geographical area, regulatory framework, etc.), verifying that the cash inflows of a given group of assets were largely interdependent with other groups of assets. The Company defines PJSC Enel Russia as a single CGU.

2. BASIS OF PREPARATION (continued)

d) Use of judgments, estimates and assumptions and changes thereof (continued)

Pension benefits

The cost of defined benefit pension plans and the present value of the pension obligation are determined using actuarial valuations. An actuarial valuation involves making various assumptions that may differ from actual developments in the future. These include the determination of the discount rate, future salary increases, mortality rates and future pension increases. Due to the complexity of the valuation, the underlying assumptions and its long-term nature, a defined benefit obligation is highly sensitive to changes in these assumptions. All assumptions are reviewed at each reporting date. In determining the appropriate discount rate, management considers the interest rates of government bonds that are denominated in the currency of benefits payment and with maturities approximating the terms of the related benefit liabilities.

Further details about the assumptions used are given in Note 14.

Fair value of financial instruments

When the fair value of financial assets and financial liabilities recorded in the statement of financial position cannot be derived from active markets, their fair value is determined using valuation techniques including the discounted cash flow model. The inputs to these models are taken from observable markets where possible, but where this is not feasible, a degree of judgment is required in establishing fair values. The judgements include considerations of inputs such as liquidity risk, credit risk and volatility. Changes in assumptions about these factors could affect the reported fair value of financial instruments.

Further details about the assumptions used are given in Note 4.

3. SIGNIFICANT ACCOUNTING POLICIES

The accounting policies set out below have been applied consistently to all periods presented in these consolidated financial statements, and have been applied consistently by Group entities

a) Basis of consolidation

i) Subsidiaries

Subsidiaries are entities controlled by the Group. The financial statements of subsidiaries are included in the consolidated financial statements from the date that control commences until the date that control ceases. The non-controlling interest has been presented as part of equity.

ii) Transactions eliminated on consolidation

Intra-group balances and transactions, and any unrealised income and expenses arising from intra-group transactions, are eliminated in preparing the consolidated financial statements.

iii) Transactions with non-controlling interest

The Group applies a policy of treating transactions with non-controlling interest as transactions with the owners in their capacity of owners. In case of acquisition of non-controlling interest, the difference between any consideration paid and the relevant share of the carrying value of net assets of the subsidiary acquired is recognised in equity.

b) Foreign currency transactions

Transactions in foreign currencies are translated to the respective functional currencies of Group entities at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are retranslated to the functional currency at the exchange rate at that date. Non-monetary assets and liabilities denominated in foreign currencies that are measured at fair value are retranslated to the functional currency at the exchange rate at the date that the fair value was determined. Foreign currency differences arising on retranslation are recognised in profit or loss, except for differences arising on the retranslation of available-for-sale equity instruments.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

c) Financial instruments

The Group classifies its financial assets in the following categories: at fair value through profit or loss, loans and receivables, held to maturity investments and available-for-sale financial assets. The classification depends on the purpose for which the financial assets were acquired. Management determines the classification of its financial assets at initial recognition.

Financial assets at fair value through profit or loss

A financial asset is classified at fair value through profit or loss if it is classified as held for trading. A financial asset is classified in this category if acquired principally for the purpose of selling in the short term.

Loans and receivables

Loans and receivables are financial assets with fixed or determinable payments that are not quoted in an active market. They are included in current assets, except for maturities greater than 12 months after the reporting date. These are classified as non-current assets. Loans and receivables are represented by trade receivables (Note 8), long-term loans issued (Note 7), bank deposits and bank bills of exchange.

Cash and cash equivalent comprises cash in hand and call deposits. Cash equivalents comprise short-term highly liquid investments that are readily convertible into cash and have a maturity of three months or less from the date of acquisition and are subject to insignificant changes in value.

Held-to-maturity investments

Held to maturity classification includes quoted non-derivative financial assets with fixed or determinable payments and fixed maturities that the Group has both the intention and ability to hold to maturity.

Available-for-sale financial assets

Available-for-sale financial assets are non-derivatives that are either designated in this category or not classified in any of the other categories. They are included in non-current assets unless management intends to dispose of the investment within 12 months of the reporting date.

Regular purchases and sales of financial assets are recognised on the trade date – the date on which the Group commits to purchase or sell the asset. Investments are initially recognised at fair value plus transaction costs for all financial assets not carried at fair value through profit or loss. Financial assets carried at fair value through profit or loss are initially recognised at fair value, and transaction costs are expensed in profit or loss. Financial assets are derecognised when the rights to receive cash flows from the investments have expired or have been transferred and the Group has transferred substantially all risks and rewards of ownership. Available-for-sale financial assets and financial assets at fair value through profit or loss are subsequently carried at fair value. Held to maturity investments and loans and receivables are carried at amortised cost using the effective interest method.

Gains or losses arising from changes in the fair value of the financial assets at fair value through profit or loss category are presented in the profit or loss within finance items (net), in the period in which they arise. Interest income from financial assets at fair value through profit or loss is recognised in the comprehensive income as part of finance income when the Group's right to receive payments is established.

When securities classified as available-for-sale are sold or impaired, the accumulated fair value adjustments recognised in equity are included in the profit or loss as gains and losses from investment securities.

Dividends on available-for-sale equity instruments are recognised in the comprehensive income as part of other income when the Group's right to receive payments is established.

The fair values of quoted investments are based on current bid prices. If the market for a financial asset is not active (and for unlisted securities), the Group establishes fair value by using valuation techniques. These include the use of recent arm's length transactions, reference to other instruments that are substantially the same, discounted cash flow analysis and option pricing models, making maximum use of market inputs and relying as little as possible on entity-specific inputs.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

c) Financial instruments (continued)

The Group assesses at each reporting date whether there is objective evidence that a financial asset or a group of financial assets is impaired. In the case of equity securities classified as available-for-sale, a significant or prolonged decline in the fair value of the security below its cost is considered as an indicator that the securities are impaired. If any such evidence exists for available-for-sale financial assets, the cumulative loss, measured as the difference between the acquisition cost and the current fair value, less any impairment loss on that financial asset previously recognised in profit or loss, is removed from equity and recognised in the comprehensive income. Impairment losses recognised in the comprehensive income on equity instruments are not reversed through profit or loss.

Except for loans and receivables and available-for-sale investments, the Group did not have other financial assets in the year ended 31 December 2015 or the year ended 31 December 2016.

Derivative financial instruments

The Group uses derivative financial instruments, such as forward currency contracts, interest rate swaps and forward commodity contracts, to hedge its foreign currency risks, interest rate risks and commodity price risks, respectively. Such derivative financial instruments are initially recognized at fair value on the date on which a derivative contract is entered into and are subsequently measured at fair value. Derivatives are carried as financial assets when the fair value is positive and as financial liabilities when the fair value is negative.

The fair value of commodity purchase contracts that meet the definition of a derivative under IAS 39 are recognized in the income statement in cost of sales. Commodity contracts that are entered into and continue to be held for the purpose of the receipt or delivery of a non-financial item in accordance with the group's expected purchase, sale or usage requirements are held at cost.

Any gains or losses arising from changes in the fair value of derivatives are taken directly to the income statement, except for the effective portion of cash flow hedges, which is recognized in other comprehensive income.

For the purpose of hedge accounting, hedges are classified as cash flow hedges when hedging the exposure to variability in cash flows that is either attributable to a particular risk associated with a recognized asset or liability or a highly probable forecast transaction or the foreign currency risk in an unrecognized firm commitment.

At the inception of a hedge relationship, the Group formally designates and documents the hedge relationship to which the Group wishes to apply hedge accounting and the risk management objective and strategy for undertaking the hedge. The documentation includes identification of the hedging instrument, the hedged item or transaction, the nature of the risk being hedged and how the entity will assess the effectiveness of changes in the hedging instrument's fair value in offsetting the exposure to changes in the hedged item's fair value or cash flows attributable to the hedged risk. Such hedges are expected to be highly effective in achieving offsetting changes in fair value or cash flows and are assessed on an ongoing basis to determine that they actually have been highly effective throughout the financial reporting periods for which they were designated.

The effective portion of the gain or loss on the hedging instrument is recognized directly in other comprehensive income in the cash flow hedge reserve, while any ineffective portion is recognized immediately in the income statement in other financial expenses.

Amounts recognized as other comprehensive income are transferred to the income statement when the hedged transaction affects profit or loss, such as when the hedged financial income or financial expense is recognized or when a forecast sale occurs. When the hedged item is the cost of a non-financial asset or non-financial liability, the amounts recognized as other comprehensive income are transferred to the initial carrying amount of the nonfinancial asset or liability.

If the forecast transaction or firm commitment is no longer expected to occur, the cumulative gain or loss previously recognized in equity is transferred to the income statement. If the hedging instrument expires or is sold, terminated or exercised without replacement or rollover, or if its designation as a hedge is revoked, any cumulative gain or loss previously recognised in other comprehensive income remains in other comprehensive income until the forecast transaction or firm commitment affects profit or loss.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

d) Equity

Ordinary shares

Ordinary shares are classified as equity. Incremental costs directly attributable to the issue of ordinary shares and share options are recognised as a deduction from equity, net of any tax effects.

Repurchase of share capital (treasury shares)

When share capital recognised as equity is repurchased, the amount of the consideration paid, which includes directly attributable costs, net of any tax effects, is recognised as a deduction from equity. Repurchased shares are classified as treasury shares and are presented as a deduction from total equity. When treasury shares are sold or reissued subsequently, the amount received is recognised as an increase in equity, and the resulting surplus or deficit on the transaction is transferred to/from retained earnings.

Dividends

Dividends are recognised as a liability and deducted from equity at the reporting date only if they are declared (approved by shareholders) before or on the reporting date. Dividends are disclosed when they are declared after the reporting date, but before the financial statements are authorized for issue.

e) Property, plant and equipment

i) Recognition and measurement

Property, plant and equipment are measured at cost less accumulated depreciation and impairment losses.

Cost includes expenditure that is directly attributable to the acquisition of the asset. The cost of self-constructed assets includes the cost of materials and direct labour, any other costs directly attributable to bringing the asset to a working condition for their intended use, and capitalised borrowing costs. Purchased software that is integral to the functionality of the related equipment is capitalised as part of that equipment.

When parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

Gains and losses on disposal of an item of property, plant and equipment are determined by comparing the proceeds from disposal with the carrying amount of property, plant and equipment, and are recognised net within "other income" in profit or loss.

ii) Subsequent costs

The cost of replacing part of an item of property, plant and equipment is recognised in the carrying amount of the item if it is probable that the future economic benefits embodied within the part will flow to the Group and its cost can be measured reliably. The carrying amount of the replaced part is derecognised. The costs of the day-to-day servicing of property, plant and equipment are recognised in profit or loss as incurred.

iii) Depreciation

Depreciation property, plant and equipment is calculated on a straight-line basis over the estimated useful lives of the asset when it is available for use.

The estimated useful lives of assets by type of facility are as follows:

Electricity and heat generation	9-60 years
Electricity transmission	8-33 years
Heating networks	15-41 years
Other	6-63 years

Social assets are not capitalized as they are not expected to result in future economic benefits to the Group. Costs associated with fulfilling the Group's social responsibilities are expensed as incurred.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

f) Intangible assets

i) Patents and licenses

Patents and licenses that are acquired by the Group are measured on initial recognition at cost at the acquisition date.

Following initial recognition, intangible assets are carried at cost less any accumulated amortization and any accumulated impairment losses.

ii) Subsequent expenditure

Subsequent expenditure is capitalised only when it increases the future economic benefits embodied in the specific asset to which it relates. All other expenditure, including expenditure on brands, is recognised in the profit or loss as incurred.

The amortization charge on all intangible assets with finite useful lives is accrued on a straight-line basis over their useful life starting from the month following the month in which the asset is available for use.

The amortization charge is recognized in the income statement as an operating expense.

The useful life of intangible assets is 5-10 years.

g) Inventories

Inventories are measured at the lower of cost and net realisable value. The cost of inventories is based on the weighted average principle, and includes expenditure incurred in acquiring the inventories, production or conversion costs and other costs incurred in bringing them to their existing location and condition.

Net realizable value is the estimated selling price in the ordinary course of business, less the estimated costs of completion and selling expenses.

Provision is made for potential losses on obsolete or slow-moving inventories, taking into account their expected use and future realizable value.

h) Cash and cash equivalents

Cash and cash equivalents in the statement of financial position comprise cash at banks and on hand and short-term deposits with a maturity of three months or less.

For the purpose of the consolidated statement of cash flows, cash and cash equivalents consist of cash and short-term deposits as defined above, net of outstanding bank overdrafts.

i) Borrowings

Borrowings are recognised initially at their fair value. Fair value is determined using the prevailing market rate of interest for similar instruments, if significantly different from the transaction price. In subsequent periods, borrowing are stated at amortised cost using the effective interest rate; any difference between the fair value of the proceeds (net of transaction costs) and the redemption amount is recognised in profit or loss as an interest expense over the period of the debt obligation.

The Group capitalises borrowing costs in qualifying assets in accordance with IAS 23 *Borrowing Costs*.

j) Employee benefits

Defined benefit plans

A defined benefit plan is a post-employment benefit plan other than a defined contribution plan. The Group's net obligation in respect of defined benefit pension plans is calculated separately for each plan by estimating the amount of future benefit that employees have earned in return for their service in the current and prior periods; that benefit is discounted to determine its present value, and the fair value of any plan assets are deducted. The discount rate is the yield at the reporting date on government bonds that have maturity dates approximating the terms of the Group's obligations and that are denominated in the same currency in which the benefits are expected to be paid. The calculation is performed annually by a qualified actuary using the projected unit credit method. In order to calculate the present value of economic benefits, consideration is given to any minimum funding requirements that apply to any plan in the Group. An economic benefit is available to the Group if it is realisable during the life of the plan, or on settlement of the plan liabilities.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

j) Employee benefits (continued)

Actuarial gains and losses arising from experience adjustments and changes in actuarial assumptions related to defined benefit pension plans are recorded in other comprehensive income.

Gains or losses resulting from a plan amendment or a curtailment and related to defined benefit pension plans shall be recognized as an expense.

k) Provisions

A provision is recognized if, as a result of a past event, the Group has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting the expected future cash flows at a rate that reflects current market assessments of the time value of money and the risks specific to the liability. The unwinding of the discount is recognized as finance cost.

i) Restructuring

A provision for restructuring is recognised when the Group has approved a detailed and formal restructuring plan, and the restructuring either has commenced or has been announced publicly. Future operating costs are not provided for (see Note 17).

ii) Onerous contracts

A provision for onerous contracts is recognised when the expected benefits to be derived by the Group from a contract are lower than the unavoidable cost of meeting its obligations under the contract. The provision is measured at the present value of the lower of the expected cost of terminating the contract and the expected net cost of continuing with the contract. Before a provision is established, the Group recognises any impairment loss on the assets associated with that contract.

l) Environmental obligations

Liabilities for environmental remediation are recorded where there is a present obligation, the payment is probable and reliable estimates can be made.

m) Impairment

i) Financial assets

A financial asset is assessed at each reporting date to determine whether there is any objective evidence that it is impaired. A financial asset is considered to be impaired if objective evidence indicates that one or more events have had a negative effect on the estimated future cash flows of that asset.

An impairment loss in respect of a financial asset measured at amortised cost is calculated as the difference between its carrying amount, and the present value of the estimated future cash flows discounted at the original effective interest rate. An impairment loss in respect of an available-for-sale financial asset is calculated by reference to its fair value.

Individually significant financial assets are tested for impairment on an individual basis. The remaining financial assets are assessed collectively in groups that share similar credit risk characteristics.

All impairment losses are recognised in the income statement. Any cumulative loss in respect of an available-for-sale financial asset recognised previously in equity is transferred to the income statement.

An impairment loss is reversed if the reversal can be related objectively to an event occurring after the impairment loss was recognised. For financial assets measured at amortised cost and available-for-sale financial assets that are debt securities, the reversal is recognised in the income statement. For available-for-sale financial assets that are equity securities, the reversal is recognised directly in equity.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

m) Impairment (continued)

ii) Non-financial assets

The carrying amounts of the Group's non-financial assets, other than inventories and deferred tax assets, are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, then the asset's recoverable amount is estimated.

The recoverable amount of an asset or cash-generating unit is the greater of its value in use and its fair value less costs to sell. In assessing value in use, the estimated future cash flows are discounted to their present value using discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. For the purpose of impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or groups of assets (the "cash-generating unit").

An impairment loss is recognised if the carrying amount of an asset or its cash-generating unit exceeds its recoverable amount. Impairment losses are recognised in the income statement. Impairment losses recognised in respect of cash-generating units are allocated first to reduce the carrying amount of any goodwill allocated to the units and then to reduce the carrying amount of the other assets in the unit (group of units) on a pro rata basis.

An impairment loss in respect of goodwill is not reversed. In respect of other assets, impairment losses recognised in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognised.

n) Revenue

Revenue is recognized when the significant risks and rewards of ownership have been transferred to the buyer of electricity and heat or non-utility goods and services. Revenue is measured at the fair value of the consideration received or receivable. When the fair value of consideration received cannot be measured reliably, the revenue is measured at the fair value of the goods or services sold/provided. Revenue is stated net of value added tax.

o) Finance income and costs

Finance income comprises interest income on funds invested (including available-for-sale financial assets), dividend income, gains on the disposal of available-for-sale financial assets, changes in the fair value of financial assets at fair value through profit or loss, and gains on hedging instruments that are recognised in profit or loss. Interest income is recognised as it accrues in profit or loss, using the effective interest method. Dividend income is recognised in profit or loss on the date that the Group's right to receive payment is established.

Finance costs comprise interest expense on borrowings, unwinding of the discount on provisions, foreign currency losses, changes in the fair value of financial assets at fair value through profit or loss, impairment losses recognised on financial assets, and impairment losses on financial assets other than trade receivables (see Note 22). Borrowing costs are recognised in profit or loss using the effective interest method.

Foreign currency gains and losses are reported on a net basis.

p) Income taxes

Income tax expense comprises current and deferred tax. Current tax and deferred tax are recognised in profit or loss except to the extent that it relates to a business combination, or items recognised directly in equity, such as items recognised in equity at preparing the Group's first set of consolidated IFRS financial statements, or in other comprehensive income.

Current tax is the expected tax payable or receivable on the taxable income or loss for the year, using tax rates enacted or substantively enacted at the reporting date, and any adjustment to tax payable in respect of previous years.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

p) Income taxes (continued)

Deferred tax is recognised in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is not recognised for the following temporary differences: the initial recognition of assets or liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profit or loss, and differences relating to investments in subsidiaries and jointly controlled entities to the extent that it is probable that they will not reverse in the foreseeable future. In addition, deferred tax is not recognised for taxable temporary differences arising on the initial recognition of goodwill. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but they intend to settle current tax liabilities and assets on a net basis or their tax assets and liabilities will be realised simultaneously.

A deferred tax asset is recognised for unused tax losses, tax credits and deductible temporary differences, to the extent that it is probable that future taxable profits will be available against which they can be utilised. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realised.

q) Earnings per share

The Group presents basic and diluted earnings per share (“EPS”) data for its ordinary shares. Basic EPS is calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the period. Diluted EPS is determined by adjusting the profit or loss attributable to ordinary shareholders and the weighted average number of ordinary shares outstanding for the effects of all dilutive potential ordinary shares.

r) Segment reporting

The Group has a single reportable segment – the generation of electric power and heat in the Russian Federation as the management does not review profit measures for individual SDPPs or any other components in order to make a decision about allocation of resources. The Group generates its revenues from the generation of electricity and heat in the Russian Federation. The Group holds assets in the same geographical area – the Russian Federation.

s) New and amended standards and interpretations

The Group applied for the first time certain standards and amendments which are effective for annual periods beginning on or after 1 January 2016.

The nature and the impact of each new standards and amendments is described below:

IFRS 14 Regulatory Deferral Accounts

IFRS 14 is an optional standard that allows an entity, whose activities are subject to rate-regulation, to continue applying most of its existing accounting policies for regulatory deferral account balances upon its first-time adoption of IFRS. Entities that adopt IFRS 14 must present the regulatory deferral accounts as separate line items on the statement of financial position and present movements in these account balances as separate line items in the statement of profit or loss and other comprehensive income (“OCI”). The standard requires disclosure of the nature of, and risks associated with, the entity’s rate-regulation and the effects of that rate-regulation on its financial statements. Since the Group is an existing IFRS preparer and is not involved in any rate-regulated activities, this standard does not apply.

Amendments to IFRS 11 Joint Arrangements: Accounting for Acquisitions of Interests

The amendments to IFRS 11 require that a joint operator accounting for the acquisition of an interest in a joint operation, in which the activity of the joint operation constitutes a business, must apply the relevant IFRS 3 *Business Combinations* principles for business combination accounting. The amendments also clarify that a previously held interest in a joint operation is not remeasured on the acquisition of an additional interest in the same joint operation if joint control is retained. These amendments do not have any impact on the Group as there has been no interest acquired in a joint operation during the period.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

s) New and amended standards and interpretations (continued)

Amendments to IAS 16 and IAS 38: Clarification of Acceptable Methods of Depreciation and Amortisation.

The amendments clarify the principle in IAS 16 *Property, Plant and Equipment* and IAS 38 *Intangible Assets* that revenue reflects a pattern of economic benefits that are generated from operating a business (of which the asset is a part) rather than the economic benefits that are consumed through use of the asset. As a result, a revenue-based method cannot be used to depreciate property, plant and equipment and may only be used in very limited circumstances to amortise intangible assets. The amendments do not have any impact on the Group, given that it has not used a revenue-based method to depreciate its non-current assets.

Amendments to IAS 16 and IAS 41 Agriculture: Bearer Plants

The amendments change the accounting requirements for biological assets that meet the definition of bearer plants. The amendments do not have any impact on the Group as it does not have any bearer plants.

Amendments to IAS 27: Equity Method in Separate Financial Statements

The amendments allow entities to use the equity method to account for investments in subsidiaries, joint ventures and associates in their separate financial statements. Entities already applying IFRS and electing to change to the equity method in their separate financial statements have to apply that change retrospectively. These amendments do not have any impact on the Group's consolidated financial statements.

IFRS 5 Non-current Assets Held for Sale and Discontinued Operations

Assets (or disposal groups) are generally disposed of either through sale or distribution to the owners. The amendment clarifies that changing from one of these disposal methods to the other would not be considered a new plan of disposal, rather it is a continuation of the original plan. These amendments do not have any impact on the Group's consolidated financial statements.

IFRS 7 Financial Instruments: Disclosures

i) Servicing contracts

The amendment clarifies that a servicing contract that includes a fee can constitute continuing involvement in a financial asset. An entity must assess the nature of the fee and the arrangement against the guidance for continuing involvement in IFRS 7 in order to assess whether the disclosures are required.

ii) Applicability of the amendments to IFRS 7 to condensed interim financial statements

The amendment clarifies that the offsetting disclosure requirements do not apply to condensed interim financial statements, unless such disclosures provide a significant update to the information reported in the most recent annual report. This amendment is applied retrospectively.

These amendments do not have any impact on the Group's consolidated financial statements.

IAS 19 Employee Benefits

The amendment clarifies that market depth of high quality corporate bonds is assessed based on the currency in which the obligation is denominated, rather than the country where the obligation is located. When there is no deep market for high quality corporate bonds in that currency, government bond rates must be used. This amendment is applied prospectively.

IAS 34 Interim Financial Reporting

The amendment clarifies that the required interim disclosures must either be in the interim financial statements or incorporated by cross-reference between the interim financial statements and wherever they are included within the interim financial report (e.g., in the management commentary or risk report). The other information within the interim financial report must be available to users on the same terms as the interim financial statements and at the same time. This amendment is applied retrospectively. These amendments do not have any impact on the Group.

3. SIGNIFICANT ACCOUNTING POLICIES (continued)

s) New and amended standards and interpretations (continued)

Amendments to IAS 1 Disclosure Initiative

The amendments to IAS 1 clarify, rather than significantly change, existing IAS 1 requirements. The amendments clarify:

- The materiality requirements in IAS 1;
- That specific line items in the statement(s) of profit or loss and OCI and the statement of financial position may be disaggregated;
- That entities have flexibility as to the order in which they present the notes to financial statements;
- That the share of OCI of associates and joint ventures accounted for using the equity method must be presented in aggregate as a single line item, and classified between those items that will or will not be subsequently reclassified to profit or loss. The amendments clarify the requirements that apply when additional subtotals are presented in the statement of financial position and the statement of profit or loss and OCI.

These amendments do not have any impact on the Group.

Amendments to IFRS 10, IFRS 12 and IAS 28 Investment Entities: Applying the Consolidation Exception

The amendments address issues that have arisen in applying the investment entities exception under IFRS 10 *Consolidated Financial Statements*. These amendments do not have any impact on the Group as the Group.

4. DETERMINATION OF FAIR VALUES

A number of the Group's accounting policies and disclosures require the determination of fair value, for both financial and non-financial assets and liabilities. Fair values have been determined for measurement and/or disclosure purposes based on the following methods. When applicable, further information about the assumptions made in determining fair values is disclosed in the notes specific to that asset or liability.

a) Investments in equity and debt securities

The fair value of financial assets at fair value through profit or loss, held-to-maturity investments and available for-sale financial assets is determined by reference to their quoted closing bid price at the reporting date. The fair value of held-to-maturity investments is determined for disclosure purposes only.

b) Trade and other receivables

The fair value of trade and other receivables, excluding construction work in progress, is estimated as the present value of future cash flows, discounted at the market rate of interest at the reporting date. This fair value is determined for disclosure purposes only.

c) Non-derivative financial liabilities

Fair value, which is determined for disclosure purposes, is calculated based on the present value of future principal and interest cash flows, discounted at the market rate of interest at the reporting date.

d) Derivatives

The fair value of forward exchange contracts is based on their quoted market price, if available. If a quoted market price is not available, then fair value is estimated by discounting the difference between the contractual forward price and the current forward price for the residual maturity of the contract using a risk-free interest rate (based on government bonds).

The fair value of interest rate swaps is based on broker quotes. Those quotes are tested for reasonableness by discounting estimated future cash flows based on the terms and maturity of each contract and using market interest rates for a similar instrument at the measurement date. Fair values reflect the credit risk of the instrument and include adjustments to take account of the credit risk of the Group entity and counterparty when appropriate.

5. PROPERTY, PLANT AND EQUIPMENT

	Heat and electricity generation	Electricity transmission	Heating networks	Other	Construction in progress	Total
Cost						
At 1 January 2016	92,554,474	14,733,837	741,997	28,774,835	12,306,708	149,111,851
Additions	–	–	–	12,950	7,677,038	7,689,988
Transfers from construction in progress	5,995,279	204,084	5,250	1,283,411	(7,488,024)	–
Disposals	(640,573)	(17,341)	–	(81,977)	–	(739,891)
At 31 December 2016	97,909,180	14,920,580	747,247	29,989,219	12,495,722	156,061,948
Accumulated depreciation and impairment						
At 1 January 2016	61,044,526	7,617,952	575,234	23,172,932	4,813,413	97,224,057
Depreciation charge	1,963,504	420,479	7,760	662,649	–	3,054,392
Reclassifications	285,353	592,965	(14,417)	(903,460)	39,559	–
Disposals	(627,348)	(16,435)	–	(90,502)	–	(734,285)
At 31 December 2016	62,666,035	8,614,961	568,577	22,841,619	4,852,972	99,544,164
Net book value at 1 January 2016	31,509,948	7,115,885	166,763	5,601,903	7,493,295	51,887,794
Net book value at 31 December 2016	35,243,145	6,305,619	178,670	7,147,600	7,642,750	56,517,784
	Heat and electricity generation	Electricity transmission	Heating networks	Other	Construction in progress	Total
Cost						
At 1 January 2015*	78,259,700	13,756,678	737,030	27,328,984	24,039,333	144,121,725
Additions	–	–	–	1,200	8,407,291	8,408,491
Transfers from construction in progress	14,794,832	989,071	4,967	1,525,365	(17,314,235)	–
Disposals	(500,058)	(11,912)	–	(80,714)	(2,825,682)	(3,418,366)
At 31 December 2015*	92,554,474	14,733,837	741,997	28,774,835	12,306,707	149,111,850
Accumulated depreciation and impairment						
At 1 January 2015*	18,482,787	3,745,454	173,282	9,131,606	1,947,000	33,480,129
Depreciation charge	5,440,094	633,030	19,539	1,552,738	–	7,645,401
Impairment	37,302,211	3,247,304	382,413	12,559,749	2,866,414	56,358,091
Disposals	(180,566)	(7,836)	–	(71,163)	–	(259,565)
At 31 December 2015*	61,044,526	7,617,952	575,234	23,172,930	4,813,414	97,224,056
Net book value at 1 January 2015	59,776,913	10,011,224	563,748	18,197,378	22,092,333	110,641,596
Net book value at 31 December 2015	31,509,948	7,115,885	166,763	5,601,905	7,493,293	51,887,794

* The Company retrospectively changed the classification of accumulated impairment in order to aggregate it with accumulated depreciation. The change do not affect the carrying value of the property, plant and equipment at the beginning and the end of the period.

At 31 December 2016 construction in progress includes prepayments for property, plant and equipment of RUB 1,162,495 thousand (31 December 2015: RUB 312,656 thousand).

During the year ended 31 December 2016 and 31 December 2015 the Group capitalized no borrowing costs into property, plant or equipment. The Group determines the amount of borrowing costs eligible for capitalization as the actual borrowing costs incurred on specific borrowings attributable to qualifying assets.

As at 31 December 2016 and 31 December 2015, there were no any restrictions on title, and no property, plant and equipment were pledged as security for liabilities.

5. PROPERTY, PLANT AND EQUIPMENT (continued)

Recoverable amount

According to IAS 36 *Impairment of Assets* the Group at the end of reporting period assessed whether there is any indication that assets may be impaired (or impairment loss recognised in prior periods may no longer exist or may have decreased) considering both external and internal sources of information.

The Company used the following key assumptions for determining the recoverable amount (value in use) of the property, plant and equipment and other noncurrent assets:

- Forecast cash flows were prepared for the period 2017-2021 and were based on the strategic plan of the Company for 2017-2019 announced in December 2016 and based on the Company's estimation for the period till 2021;
- The cash flow forecasts were discounted to their present value at the nominal weighted average cost of capital of 12.3% (2015: 13.3%);
- Growth rate of the net cash flows amounted to 2.9% in the post-forecasted period (2015: 4%).

As a result of impairment test no impairment of property, plant and equipment was recognized in 2016.

Operating leases

The assets transferred to the Group upon privatization did not include the land on which the Company's buildings and facilities are situated. The Group holds operating lease agreements in respect of these land plots with local governments.

The leases typically run for an initial period of 5 to 45 years with an option to renew. The lease payments are subject to regular reviews that may result in adjustments to reflect market conditions.

Non-cancellable operating lease rentals are payable for land plots as follows:

	<u>31 December 2016</u>	<u>31 December 2015</u>
Not later than one year	39,468	51,378
Later than one year and not later than five years	27,938	84,572
Later than five years	73,179	66,431
Total	<u>140,584</u>	<u>202,381</u>

6. INTANGIBLE ASSETS

	<u>Patents and licenses</u>	<u>Software</u>	<u>Total</u>
Cost			
At 1 January 2016	134,770	1,339,100	1,473,870
Additions	8,805	65,510	74,315
Disposals	(74,185)	(853,724)	(927,909)
At 31 December 2016	<u>69,390</u>	<u>550,886</u>	<u>620,276</u>
Accumulated amortization			
At 1 January 2016	102,906	1,043,370	1,146,276
Amortization charge	22,530	29,386	51,916
Disposal	(74,186)	(840,030)	(914,216)
At 31 December 2016	<u>51,250</u>	<u>232,726</u>	<u>283,976</u>
Net book value at 1 January 2016	<u>31,864</u>	<u>295,730</u>	<u>327,594</u>
Net book value at 31 December 2016	<u>18,140</u>	<u>318,160</u>	<u>336,300</u>

6. INTANGIBLE ASSETS (continued)

	<u>Patents and licenses</u>	<u>Software</u>	<u>Total</u>
Cost			
At 1 January 2015	139,236	1,332,936	1,472,172
Additions	27,080	45,770	72,850
Disposals	(31,546)	(39,606)	(71,152)
At 31 December 2015	134,770	1,339,10	1,473,870
Accumulated amortization			
At 1 January 2015	85,782	837,780	923,562
Amortization charge	48,670	245,196	293,866
Disposal	(31,546)	(39,606)	(71,152)
At 31 December 2015	102,906	1,043,370	1,146,276
Net book value at 1 January 2015	53,454	495,156	548,610
Net book value at 31 December 2015	31,864	295,730	327,594

Intangible assets include the costs associated with SAP/R3 implementation and new software for optimization of the workflows in procurement and finance.

7. OTHER NON-CURRENT ASSETS

	<u>31 December 2016</u>	<u>31 December 2015</u>
Long-term receivables	65,120	79,760
Other	2,244,960	2,098,323
Total	2,310,080	2,178,083

Long-term receivables include mostly long-term RUB loans given to the Group's employees for 10-15 years.

As at 31 December 2016 other non-current assets include the equipment related to suspended construction in progress in the amount of RUB 1,712,751 thousand (net of accumulated impairment of RUB 3,753,863 thousand). The equipment is stored as an equipment for the purposes of the Company's power plants (also as a spare parts). As it was not possible to estimate the recoverable amount of this individual equipment, the recoverable amount (value in use) of the CGU to which it belongs was determined. Key assumptions on which the Company has based its cash flow projections are disclosed in Note 5.

8. TRADE AND OTHER RECEIVABLES

	<u>31 December 2016</u>	<u>31 December 2015</u>
Trade receivables	4,942,869	5,174,315
Prepayments to suppliers	414,128	914,405
Taxes recoverable	226,734	1,404,820
Other receivables	56,643	515,634
Total (net of impairment allowance of RUB 3,790,261 thousand at 31 December 2016, of RUB 3,471,211 thousand at 31 December 2015)	5,640,374	8,009,174

The table below provides information about the changes in allowance for impairment of receivables:

	<u>For the year ended 31 December 2016</u>	<u>For the year ended 31 December 2015</u>
At 1 January	3,471,211	2,284,091
Charge for the year	894,083	2,019,510
Unused amounts reversed	(425,720)	(450,090)
Utilized	(149,313)	(382,300)
At 31 December	3,790,261	3,471,211

9. INVENTORIES

	<u>31 December 2016</u>	<u>31 December 2015</u>
Fuel supplies	2,524,619	3,227,824
Materials and supplies	2,359,330	2,278,100
Spare parts and other inventories	98,971	135,220
Total inventories	4,982,920	5,641,144
Less: allowance for obsolescence of inventories	(310)	(310)
Total	4,982,610	5,640,834

As at 31 December 2016 and as at 31 December 2015 none of the inventories held were pledged as collateral under loan agreements. Advances issued to fuel suppliers are included into Fuel supplies line and comprise RUB 477,852 thousand (31 December 2015: RUB 668,747 thousand).

10. CASH AND CASH EQUIVALENTS

	<u>31 December 2016</u>	<u>31 December 2015</u>
Cash in bank	292,809	1,214,981
Call deposits	5,457,961	9,230,169
Total	5,750,770	10,445,150

The Group's exposure to interest rate and currency risk is disclosed in Note 22.

11. EQUITY

a) Share capital

The Group's share capital as at 31 December 2016 and 2015 was RUB 35,371,898 thousand comprising 35,371,898,370 ordinary shares with a par value of RUB 1.00. All shares authorised are issued and fully paid.

The holders of ordinary shares are entitled to receive dividends in accordance with the dividend policy and are entitled to one vote per share at meetings of the Company.

b) Treasury shares

The nominal value of treasury shares as at 31 December 2016 and 2015 was RUB 156,222 thousand.

c) Earnings per share

The calculation of earnings per share is based upon the profit for the year and the weighted average number of ordinary shares outstanding during the year, calculated as shown below.

	<u>For the year ended 31 December 2016</u>	<u>For the year ended 31 December 2015</u>
Weighted average number of shares issued, in thousands	35,371,898	35,371,898
Adjustment for weighted average number of treasury shares, in thousands	(156,222)	(156,222)
Weighted average number of shares outstanding, in thousands	35,215,676	35,215,676
Profit/(loss) attributable to shareholders of PJSC Enel Russia	4,392,172	(48,622,677)
Profit/(loss) per share – basic and diluted (RUB per share)	0.1247	(1.3807)

12. INCOME TAXES

	For the year ended 31 December 2016	For the year ended 31 December 2015
Current income tax expense	137,200	104,783
Deferred income tax expense/(benefit)	973,472	(11,964,129)
Total income tax expense/(benefit)	1,110,672	(11,859,346)

During the year ended 31 December 2016, the Group entities were subject to 20% income tax rate on taxable profits. This rate was used for the calculation of the deferred tax assets and liabilities.

A reconciliation of the theoretical income tax, calculated at the tax rate effective in the Russian Federation, to the amount of actual income tax expense recorded in the statement of comprehensive income, is as follows:

	For the year ended 31 December 2016		For the year ended 31 December 2015	
Profit/(loss) before income tax	5,497,554	100%	(60,488,793)	100%
Income tax at applicable tax rate	(1,099,511)	(20%)	12,097,759	20%
(Non-deductible expenses) / non-taxable income, net	(11,161)	(0.2%)	(238,413)	(0.4%)
	(1,110,672)	(20.2%)	11,859,346	19.6%

The tax effects of temporary differences that give rise to deferred taxation are presented below:

	1 January 2016	Recognised in profit or loss	Recognised in other comprehensive income	31 December 2016
Tax effect of deductible temporary differences				
Trade and other receivables	859,837	84,322	–	944,159
Property, plant and equipment due to impairment recognition	749,294	(749,294)	–	–
Provisions	871,901	(55,386)	–	816,515
Employee benefits	388,302	24,659	42,917	455,878
Other	856,721	(416,673)	–	440,048
Deferred tax assets	3,726,055	(1,112,372)	42,917	2,656,600
Tax effect of taxable temporary differences				
Property, plant and equipment	–	(655,375)	–	(655,375)
Derivatives	(915,586)	805,744	(3,379)	(113,221)
Trade and other receivables	(578,031)	(125,868)	–	(703,899)
Other	(142,215)	114,399	–	(27,816)
Deferred tax liabilities	(1,635,832)	138,900	(3,379)	(1,500,311)
Net deferred tax	2,090,223	(973,472)	39,538	1,156,289

12. INCOME TAXES (continued)

	1 January 2015	Recognised in profit or loss	Recognised in other comprehensive income	31 December 2015
Tax effect of deductible temporary differences				
Trade and other receivables	530,614	329,223	–	859,837
Property, plant and equipment due to Impairment recognition	–	749,294		749,294
Provisions	805,799	66,102	–	871,901
Employee benefits	278,331	892	109,079	388,302
Other	418,877	437,844	–	856,721
Deferred tax assets	2,033,621	1,583,355	109,079	3,726,055
Tax effect of taxable temporary differences				
Property, plant and equipment	(9,673,721)	9,673,721	–	–
Derivatives	(1,812,242)	710,636	186,021	(915,586)
Trade and other receivables	(549,092)	(28,939)	–	(578,031)
Other	(167,571)	25,356	–	(142,215)
Deferred tax liabilities	(12,202,626)	10,380,774	186,021	(1,635,832)
Net deferred tax liabilities	(10,169,005)	11,964,129	295,100	2,090,223

13. LOANS AND BORROWINGS

	Currency	Maturity	31 December 2016		31 December 2015	
			Carrying value	Face value	Carrying value	Face value
Non-current borrowings						
Royal Bank of Scotland	EUR		–	–	8,282,642	8,706,445
EBRD	EUR		–	–	4,464,629	4,530,157
EIB	EUR	2026	6,356,620	6,384,011	8,859,222	8,900,728
Gazprombank	RUB	2021	7,000,000	7,000,000	–	–
Commercial papers	RUB	2018	10,000,000	10,000,000	10,000,000	10,000,000
Total non-current borrowings			23,356,620	23,384,011	31,606,493	32,137,330
			31 December 2016		31 December 2015	
	Currency		Carrying value	Face value	Carrying value	Face value
Current borrowings and current portion of non-current borrowings						
Current portion of non-current borrowings (Royal Bank of Scotland)	EUR		–	–	1,451,071	1,451,071
Current portion of non-current borrowings (EBRD)	EUR		–	–	1,006,700	1,006,700
Current portion of non-current borrowings (EIB)	EUR		742,530	742,530	927,386	927,386
Gazprombank	RUB		2,000,000	2,000,000	–	–
Total current borrowings			2,742,530	2,742,530	3,385,157	3,385,157

At the end of 2016 the interest rates varied from 1.48% to 2.37% for borrowings nominated in EUR and from 10.75% to 12.1% for borrowings nominated in RUB. All loans and borrowings are unsecured. The amount of undrawn borrowing facilities was RUB 76,000,000 thousand as at 31 December 2016 (including RUB 40,000,000 thousand of commercial papers program).

14. EMPLOYEE BENEFITS

The Group operates a defined benefit pension plan under Collective agreement, which requires contributions to be made to a separately administered fund.

The tables below provide information about the employee benefit obligations and actuarial estimations used for the year ended 31 December 2016 and for the year ended 31 December 2015. Amounts recognised in the Group's consolidated statement of financial position are as follows:

	<u>31 December 2016</u>	<u>31 December 2015</u>
Present value of defined benefit obligation	2,309,260	1,971,524
Net pension liabilities in the statement of financial position	<u>2,309,260</u>	<u>1,971,524</u>

Amounts recognised in profit or loss are as follows:

	<u>For the year ended 31 December 2016</u>	<u>For the year ended 31 December 2015</u>
Current service cost	125,282	87,522
Interest cost	180,283	180,122
Net actuarial loss recognized in the period	1,294	10,462
Past service cost due to plan amendment	39,852	–
Net expense recognized in profit or loss	<u>346,711</u>	<u>278,106</u>

Changes in the present value of the Group's employee benefit obligations are as follows:

	<u>For the year ended 31 December 2016</u>	<u>For the year ended 31 December 2015</u>
Present value of defined benefit obligations at the beginning of year	1,971,524	1,402,212
Current service cost	125,282	87,522
Past service cost due to plan amendment	39,852	–
Interest cost	180,283	180,122
Remeasurements recognized in other comprehensive income, including:	214,588	545,394
<i>(Gain)/loss due to demographic assumption change</i>	<i>64,081</i>	<i>23,726</i>
<i>(Gain)/loss due to financial assumption changes</i>	<i>107,260</i>	<i>508,587</i>
<i>(Gain)/loss due to experience adjustment</i>	<i>43,247</i>	<i>13,081</i>
Benefits paid	(223,563)	(254,188)
Immediate recognition of losses arising during the year	1,294	10,462
Present value of defined benefit obligation at the end of period	<u>2,309,260</u>	<u>1,971,524</u>

Principal actuarial assumptions are as follows:

	<u>31 December 2016</u>	<u>31 December 2015</u>
Nominal discount rate	8.36%	9.72%
Future salary increase	4.84%	5.5%

The mortality data was applied that is last available for the Russian Federation.

The retirement schedule was based on the Company's statistics on retirements.

Funded status of the plan is as follows:

	<u>31 December 2016</u>	<u>31 December 2015</u>
Present value of defined benefit obligation	2,309,260	1,971,524
Deficit in plan	2,309,260	1,971,524
Losses arising from experience adjustments on plan liabilities	–	–

Expected benefit payments under the schemes during the year ended 31 December 2017 are RUB 414,169 thousand.

The average duration of the defined benefit plan obligation at the end of the reporting period is 7.62 years (2015: 7.98 years).

Included in the employee benefits in the consolidated balance sheet are the amounts payable under the long term employee's incentive plan of RUB 37,010 thousand as at 31 December 2016 (2015: RUB 42,115 thousand).

14. EMPLOYEE BENEFITS (continued)

A quantitative sensitivity analysis for significant assumption as at 31 December 2016 is as shown below:

Assumptions	Discount rate		Inflation rate		Salary increase	
	1% increase	1% decrease	1% increase	1% decrease	1% increase	1% decrease
Sensitivity level						
Impact on the net defined benefit obligation	(156,151)	180,391	7,765	(6,510)	172,609	(151,531)

Assumptions	Turnover		Life expectancy	
	1% increase	1% decrease	1 year increase	1 year decrease
Sensitivity level				
Impact on the net defined benefit obligation	(67,651)	74,438	12,079	(12,733)

15. TRADE AND OTHER PAYABLES

	31 December 2016	31 December 2015
Trade payables	9,148,858	13,824,937
Accrued liabilities and other payables	236,460	396,184
Interest payable	218,550	271,710
Total	9,603,868	14,492,831

Management believes that the majority of suppliers, balances of which are included into trade payables, comprise a single class, as they bear the same characteristics. Those suppliers are mainly providers of fuel, repair and maintenance services.

16. OTHER TAXES PAYABLE

	31 December 2016	31 December 2015
Value added tax	666,000	691,973
Property tax	246,013	319,382
Other taxes	132,600	52,555
Total	1,044,613	1,063,910

17. PROVISIONS

	Restructuring	Onerous contract	Provision for legal claims	Decommissioning provision	Personnel related provision	Other	Total
Balance at 1 January 2016	270,067	607,596	66,957	648,355	482,773	693,453	2,769,201
Provisions made during the period	–	71,167	58,202	–	904,464	478,684	1,512,517
Unwinding of discount	7,947	42,141	–	17,280	–	3,774	71,142
Provision reversed during the period	–	(115,497)	(18,847)	–	(134,541)	(90,238)	(359,123)
Provisions used during the period	(80,092)	(156,934)	(59,938)	(23,694)	(805,388)	(379,436)	(1,505,482)
Balance at 31 December 2016	197,922	448,473	46,374	641,941	447,308	706,237	2,488,255
Non-current	95,536	293,614	–	484,806	–	–	873,956
Current	102,386	154,859	46,374	157,135	447,308	706,237	1,614,299
Total	197,922	448,473	46,374	641,941	447,308	706,237	2,488,255

17. PROVISIONS (continued)

	Restructuring	Onerous contract	Provision for legal claims	Decommissioning provision	Personnel related provision	Other	Total
Balance at 1 January 2015	303,262	618,402	733	659,815	487,476	405,159	2,474,847
Provisions made during the period	–	93,393	81,866	–	933,545	665,753	1,774,557
Unwinding of discount	46,039	42,773	–	163,555	–	–	252,367
Provision reversed during the period	–	–	(733)	(118,135)	–	(135,247)	(254,115)
Provisions used during the period	(79,234)	(146,972)	(14,909)	(56,880)	(938,248)	(242,212)	(1,478,455)
Balance at 31 December 2015	270,067	607,596	66,957	648,355	482,773	693,453	2,769,201
Non-current	164,255	476,233	–	127,229	–	36,287	804,004
Current	105,812	131,363	66,957	521,126	482,773	657,166	1,965,197
Total	270,067	607,596	66,957	648,355	482,773	693,453	2,769,201

a) Restructuring

Restructuring provision relates to the ongoing plan of optimization of organizational structure and redundancy of employees.

b) Onerous contract

The onerous contract provision relates to future supplies to certain customers from the Caucasus region. The provision is based on estimates of incremental costs associated with electricity supplies. The Group expects the resulting outflow of economic benefits over the next three years.

c) Provision for legal claims

Legal provision at the year end relates to individually minor litigations.

d) Decommissioning provision

Decommissioning provision relates to the dismantling expenses of certain individual items of property, plant and equipment. Provisions used during the period of RUR 23,694 thousand. According to the current plan dismantling are going to take place in 2017-2018.

Land remediation provision of RUR 165,330 thousand as of 31 December 2016 (as of 31 December 2015: RUR 138,789 thousand) relates to incremental decommissioning cost associated with future restoration of the underlying ash dump.

e) Other

Other provisions include provision for environmental charges and provisions of tax risks.

18. REVENUE

	For the year ended 31 December 2016	For the year ended 31 December 2015
Power	52,488,755	51,668,901
Capacity	15,437,054	15,263,668
Heating	3,801,470	3,595,230
Water for heating network	18,605	20,833
Rent	20,936	16,871
Water circulation	308,973	273,960
Other	135,603	152,670
Total	72,211,396	70,992,133

19. OPERATING EXPENSES

	Notes	For the year ended 31 December 2016	For the year ended 31 December 2015
Fuel cost		39,373,058	41,512,451
Purchased electricity		6,424,311	6,248,340
Employee benefits		4,517,851	4,279,761
Depreciation and amortisation of property, plant and equipment and intangible assets	5	3,106,310	5,758,327
Provisions	17	94,198	356,196
Impairment loss in respect of property, plant and equipment	5	–	58,175,895
Taxes other than income tax and payroll taxes		1,382,720	1,074,380
Repairs and technical maintenance		1,713,490	1,583,220
Fees to Trade System Administrator, Centre of financial settlements and System Operator		1,083,610	1,129,080
Water usage		1,111,590	974,940
Raw materials and supplies		1,278,530	1,134,850
Advisory, legal and information services		665,254	1,150,720
Security		243,280	235,730
Allowance for impairment of trade and other receivables, net	8	468,363	1,569,420
Lease costs		250,910	235,850
Transport cost		87,950	92,200
Loss on disposal of property, plant and equipment	5	–	539,090
Insurance		263,200	276,030
Pollution cost		163,790	147,060
Media and communication cost		64,830	61,430
Travel cost		76,470	69,540
Public utilities		144,210	125,300
Other		269,484	210,367
Total		62,783,409	126,940,177

Employee benefits expenses comprise the following:

	For the year ended 31 December 2016	For the year ended 31 December 2015
Wages and other benefits to employees and related taxes	3,900,411	3,745,467
Contributions to State Pension Fund	490,864	436,310
Non-governmental pension fund expenses (Note 14)	126,576	97,984
Total	4,517,851	4,279,761

20. FINANCE INCOME AND FINANCE COSTS

	For the year ended 31 December 2016	For the year ended 31 December 2015
Interest income	950,740	841,760
Gain from derivatives, net	–	675,293
Exchange differences, net	3,074,531	–
Finance income	4,025,271	1,517,053
Interest expense	(2,730,341)	(1,905,355)
Unwinding of discount	(288,520)	(414,360)
Loss on the extinguishment of long-term loans	(467,917)	–
Exchange differences, net	–	(4,146,760)
Loss from derivatives, net	(4,710,050)	–
Bank fees	(339,282)	(201,475)
Other	(325,574)	(655,480)
Finance costs	(8,861,684)	(7,323,430)

Interest income arose from change in interest accrued on call deposits, maintained with commercial banks.

Financial expenses of the Company for 2016 comprise one-off effect for unamortized cost derecognition in relation to long-term loans from RBS and EBRD which were early repaid during 2016 (see Note 13).

21. COMPONENTS OF OTHER COMPREHENSIVE INCOME/LOSS

	For the year ended 31 December 2016	For the year ended 31 December 2015
Cash flow hedge		
Reclassification during the year to income statement	2,265,948	(1,108,266)
Net (losses)/gains during the year	<u>(2,252,438)</u>	<u>326,560</u>
Net movement on cash flow hedges (net of income tax)	<u>13,510</u>	<u>(781,706)</u>
Available-for-sale financial assets		
Net gains arising during the year (net of income tax)	<u>18,250</u>	<u>16,790</u>
Net change in fair value of available-for-sale financial assets (net of income tax)	<u>18,250</u>	<u>16,790</u>
Actuarial losses on defined benefits plans (net of income tax)	<u>(171,669)</u>	<u>(436,315)</u>

22. FINANCIAL INSTRUMENTS AND FINANCIAL RISKS

a) Overview

The Group has exposure to the following risks from its use of financial instruments:

- Credit risk;
- Liquidity risk;
- Market risk.

This note presents information about the Group's exposure to each of the above risks, the Group's objectives, policies and processes for measuring and managing risk, and the Group's management of capital. Further quantitative disclosures are included throughout these consolidated financial statements.

The Group's activities expose it to a variety of financial risks, including the effects of changes in interest rates, forex risk and the collectability of receivables.

b) Credit risk

Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Group's receivables from customers and investment securities.

i) Trade receivables

The Group's exposure to credit risk is influenced mainly by the individual characteristics of each customer or group of customers with similar characteristics.

The Group has established a credit policy under which each new customer is analysed individually for creditworthiness before the Group's standard payment and delivery terms and conditions are offered. The Group's review includes external ratings, when available, and in some cases bank references.

On the wholesale electricity and capacity market (WECM) the assignment of contractors for electricity and/or capacity sales contracts is done on the basis of a model created by the Commercial Operator of the WECM. Every generating company operating on the WECM is obliged to conclude such contracts. In some cases it is impossible to avoid insolvent contractors. However, this risk can be mitigated through direct work with the debtors and through creation of adequate allowances if the contractor gets eliminated from the list of WECM players and (possibly) becomes bankrupt in the future.

Majority of the Group's customers have been transacting with the Group for over several years, and losses have occurred infrequently. In monitoring customer credit risk, customers are grouped according to their credit characteristics, including whether they are an individual or legal entity, whether they are a wholesale, retail or end-user customer, geographic location, industry, aging profile, maturity and existence of previous financial difficulties.

The Group establishes an allowance for impairment that represents its estimate of incurred losses in respect of trade and other receivables.

Although collection of receivables could be influenced by economic factors, management believes that there is no significant risk of loss to the Group beyond the impairment of receivables already recorded.

22. FINANCIAL INSTRUMENTS AND FINANCIAL RISKS (continued)

b) Credit risk (continued)

ii) Investments

The Group limits its exposure to credit risk by only investing in liquid securities and only with counterparties that have a high credit rating. Given this management does not expect any existing counterparty to fail to meet its obligations.

iii) Cash balances and deposits

The majority of cash balances and short-term deposits are held with reliable banks or financial institutions. The Group places funds in financial institutions characterized by a quite stable financial status.

iv) Exposure to credit risk

The carrying amount of financial assets represents the maximum of credit exposure. The maximum exposure to credit risk at the reporting date was:

	<u>31 December 2016</u>	<u>31 December 2015</u>
Available-for-sale financial assets	48,030	30,000
Trade receivables	4,942,869	5,174,315
Cash and cash equivalents	5,750,770	10,445,150
Long-term trade and other receivables	<u>65,120</u>	<u>79,760</u>
Total	<u>10,806,789</u>	<u>15,729,225</u>

The aging of financial assets, excluding cash and cash equivalents, at the reporting date was as follows:

	<u>31 December 2016</u>		<u>31 December 2015</u>	
	<u>Gross</u>	<u>Impairment allowance</u>	<u>Gross</u>	<u>Impairment allowance</u>
Not past due	4,349,855	–	4,372,552	–
Past due for less than 3 months	521,086	187,150	1,042,929	340,019
Past due for 3 to 12 months	940,999	754,445	815,592	647,534
Past due for more than one year	<u>2,607,869</u>	<u>2,535,345</u>	<u>2,210,892</u>	<u>2,170,337</u>
Total	<u>8,419,809</u>	<u>3,476,940</u>	<u>8,441,965</u>	<u>3,157,890</u>

c) Liquidity risk

Liquidity risk is the risk that the Group will not be able to meet its financial obligations as they fall due.

The Group's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group's reputation.

Prudent liquidity risk management includes maintaining sufficient cash and marketable securities, the availability of funding from an adequate amount of committed credit facilities, ability of the Group to fulfil the current obligations. In order to implement the main investment projects the Group have already attracted long-term financing for up to 9 years. The short term financing for not more than 1 year is attracted for operating activity. The acquisition of financial liabilities by terms enables to ensure that:

- At the required moment the Group has the needed amount of monetary funds to fulfill all required financial liabilities of the Group;
- At the required moment the Group will be able to redeem all its financial liabilities in full. As at 31 December 2016 the Group has access to the credit facilities (including commercial papers program) with the open limit of RUB 76,000,000 thousand as of the date of financial statements issuance, which mitigate the risk of earlier prepayment of the long-term loans.

The following are the contractual maturities of financial liabilities, excluding estimated interest payments. It is not expected that the cash flows included in the maturity analysis could occur significantly earlier, or at significantly different amounts.

22. FINANCIAL INSTRUMENTS AND FINANCIAL RISKS (continued)

c) Liquidity risk (continued)

i) Non-derivative financial liabilities

	Carrying amount	Contractual cash flows	Less than 1 year	1-5 years	More than 5 years
At 31 December 2016					
Bank loans	16,099,150	16,126,541	2,742,530	9,970,117	3,413,894
Commercial papers	10,000,000	10,000,000	–	10,000,000	–
Trade and other payables	9,603,868	9,603,868	9,603,868	–	–
Total	35,703,018	35,730,409	12,346,398	19,970,117	3,413,894
At 31 December 2015					
Bank loans	24,991,650	25,522,487	3,385,157	16,422,456	5,714,874
Commercial papers	10,000,000	10,000,000	–	10,000,000	–
Trade and other payables	14,492,831	14,492,831	14,492,831	–	–
Total	49,484,481	50,015,318	17,877,988	26,422,456	5,714,874

	31 December 2016	31 December 2015
Fair values		
Currency and interest rate swap	566,260	3,857,656
Forwards	–	720,274
Derivative assets	566,260	4,577,930
Currency and interest rate swap	370,120	–
Derivative liabilities	370,120	–

Swaps measured at fair value through other comprehensive income and are designated as hedging instruments in cash flow hedges of EUR denominated borrowings.

These hedges were assessed to be effective and net change of RUB 13,510 thousand, with a deferred tax asset of RUB 3,378 thousand are included within other comprehensive income for 2016 (2015: change at the amount of RUB (781,706) thousand and RUB 195,427 thousand of deferred tax liability, respectively). No significant element of ineffectiveness required recognition in the consolidated statement of comprehensive income.

d) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates, interest rates and equity prices will affect the Group's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimising the return.

Currency risk

The risk management strategy of the Group is aimed to minimize currency risks to which the Group is exposed to. For this reason, the hedging strategy is implemented through derivative transactions, whereby the major risk is attributed to borrowings and other liabilities when such are denominated in currencies other than the functional currency of the Company.

The Group's exposure to foreign currency risk was as follows based on notional amounts:

	31 December 2016		31 December 2015	
	USD	EUR	USD	EUR
Bank loans	–	(7,126,541)	–	(25,522,487)
Trade and other payables	(15,981)	(1,106,389)	(4,170)	(2,515,551)
Gross exposure	(15,981)	(8,232,930)	(4,170)	(28,038,038)
Interest rate swaps used for hedging	–	7,126,541	–	11,075,707
Forward exchange contracts	–	–	–	14,446,780
Net exposure	(15,981)	(1,106,389)	(4,170)	(2,515,551)

22. FINANCIAL INSTRUMENTS AND FINANCIAL RISKS (continued)

d) Market risk (continued)

The following exchange rates applied during the period:

RUB	Average rate		Reporting date spot rate	
	For the year ended 2016	For the year ended 2015	31 December 2016	31 December 2015
USD	66.8335	61.3194	60.6569	72.8827
EUR	73.9924	67.9915	63.8111	79.6972

Sensitivity analysis

A weakening of the Russian rouble, as indicated below, against the USD and EUR at 31 December 2016 and 2015 would have decreased profit of the Group by the amounts shown below. This analysis is based on foreign currency exchange rate variances that the Group considered to be reasonably possible at the end of the reporting period. The analysis assumes that all other variables, in particular interest rates, remain constant. The analysis is performed on the same basis for 2015, albeit that the reasonably possible foreign exchange rate variances were different, as indicated below.

Effect in thousands of Russian roubles

	Profit or loss
At 31 December 2016	
EUR (10 percent RUB weakening)	110,639
USD (10 percent RUB weakening)	1,598
At 31 December 2015	
EUR (10 percent RUB weakening)	251,555
USD (10 percent RUB weakening)	417

A strengthening of the Russian rouble against the above currencies at 31 December 2016 and 2015 would have had the equal but opposite effect on the above currencies to the amounts shown above, on the basis that all other variables remain constant.

Interest rate risk

The financing strategy of the Group envisages appropriate hedging against interest rate risk.

At the reporting date the interest rate profile of the Group's interest-bearing financial instruments was as follows:

	Carrying amount	
	31 December 2016	31 December 2015
Fixed rate instruments		
Financial assets	5,411,909	9,189,425
Financial liabilities	(26,099,150)	(29,520,320)
	(20,687,241)	(20,330,895)
Variable rate instruments		
Financial liabilities	–	(5,471,330)
	–	(5,471,330)

Fair value sensitivity analysis for fixed rate instruments

The Group does not account for any fixed rate financial assets and liabilities at fair value through profit or loss, and the Group does not designate derivatives (interest rate swaps) as hedging instruments under a fair value hedge accounting model. Therefore, a change in interest rates at the reporting date would not affect profit or loss.

Cash flow sensitivity analysis for variable rate instruments

A change of 100 basis points in interest rates at the reporting date would not have increased (decreased) profit or loss because the Group uses the cross currency interest rate swaps to transform variable rate liability into fixed-rate liability.

22. FINANCIAL INSTRUMENTS AND FINANCIAL RISKS (continued)

e) Fair value of financial instruments

Management believes that the fair value of the Group's financial assets and liabilities at 31 December 2016 approximates their carrying value.

Interest rates used for determining fair value

The interest rates used to discount estimated cash flows, where applicable, are based on the government yield curve at the reporting date plus an adequate credit spread, and were as follows:

	<u>2016</u>	<u>2015</u>
Derivatives	5.76%-11.37%	5.76%-9.92%
Loans and borrowings	1.56%-12.10%	1.56%-6.70%

Fair value hierarchy

The table below analyses financial instruments carried at fair value, by valuation method. The different levels have been defined as follows:

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2: 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).
- Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs).

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Assets measured at fair value at 31 December 2016				
Available-for-sale financial assets	48,030	–	–	48,030
	48,030	–	–	48,030
Interest rate swaps used for hedging	–	566,260	–	566,260
	–	566,260	–	566,260
Liability measured at fair value at 31 December 2016				
Interest rate swaps used for hedging	–	370,120	–	370,120
	–	370,120	–	370,120
Assets measured at fair value at 31 December 2015				
Available-for-sale financial assets	30,000	–	–	30,000
	30,000	–	–	30,000
Interest rate swaps used for hedging	–	3,857,656	–	3,857,657
Forward exchange contracts	–	720,274	–	720,274
	–	4,577,930	–	4,577,930

22. FINANCIAL INSTRUMENTS AND FINANCIAL RISKS (continued)

e) Fair value of financial instruments (continued)

The table below analyses financial assets and liabilities not measured at fair value but for which fair value is disclosed:

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Assets not measured at fair value at 31 December 2016				
Trade and other receivables	–	–	5,640,374	5,640,374
Loans given	–	–	61,740	61,740
	–	–	5,702,114	5,702,114
Liability not measured at fair value at 31 December 2016				
Trade and other payables	–	–	9,603,868	9,603,868
Loans and borrowings	–	–	26,099,150	26,099,150
	–	–	35,703,018	35,703,018
Assets not measured at fair value at 31 December 2015				
Trade and other receivables	–	–	8,009,174	8,009,174
Loans given	–	–	75,620	75,620
	–	–	8,084,794	8,084,794
Liability not measured at fair value at 31 December 2015				
Trade and other payables	–	–	14,492,831	14,492,831
Loans and borrowings	–	–	34,991,650	34,991,650
	–	–	49,484,481	49,484,481

f) Capital risk management

The following capital requirements have been established for public stock companies by the legislation of the Russian Federation:

- Share capital cannot be lower than 100,000 roubles;
- If the share capital of the entity is greater than statutory net assets of the entity, such entity must decrease its share capital to the value not exceeding its net assets;
- If the minimum allowed share capital is greater than statutory net assets of the entity, such entity is subject to liquidation, if not rectified within 6 months after the year end.

As at 31 December 2016, the Group has been in compliance with the above share capital requirements.

The Group's objectives when managing capital are to safeguard the Group's ability to continue as a going concern in order to provide returns for shareholders and benefits for other stakeholders and to maintain an optimal capital structure to reduce the cost of capital.

In order to maintain or adjust the capital structure, the Group may adjust the amount of dividends paid to shareholders, return capital to shareholders, issue new shares or sell assets to reduce debt.

22. FINANCIAL INSTRUMENTS AND FINANCIAL RISKS (continued)

f) Capital risk management (continued)

Consistent with others in the industry, the Group monitors capital on the basis of the gearing ratio. This ratio is calculated as net debt divided by total equity. Net debt is calculated as total borrowings, as shown in the statement of financial position, less cash and cash equivalents. Total capital is calculated as equity, as shown in the statement of financial position, plus net debt.

	<u>31 December 2016</u>	<u>31 December 2015</u>
Total borrowings (Note 13)	26,099,150	34,991,650
Less: cash and cash equivalents (Note 10)	(5,750,770)	(10,445,150)
Net debt	20,348,380	24,546,500
Equity	35,277,263	31,030,290
Debt to equity ratio	57.68%	79.1%

23. COMMITMENTS

a) Fuel supply contracts

The Group has entered into several long-term gas and coal supply contracts. The prices in these contracts are based on market terms and conditions. The long-term contract for gas supply includes “take-or-pay” clause. The Group also is a party to several coal supply contracts.

b) Capital commitments

Future capital expenditure for which contracts have been signed amounted to RUB 3,800,305 thousand at 31 December 2016 (at 31 December 2015: RUB 2,286,390 thousand).

24. CONTINGENCIES

a) Operating environment

Russia continues economic reforms and development of its legal, tax and regulatory frameworks as required by a market economy. The future stability of the Russian economy is largely dependent upon these reforms and developments and the effectiveness of economic, financial and monetary measures undertaken by the government.

The Russian economy has been negatively impacted by a decline in oil prices and sanctions imposed on Russia by a number of countries. The Rouble interest rates remained high. The combination of the above resulted in reduced access to capital, a higher cost of capital and uncertainty regarding economic growth, which could negatively affect the Group’s future financial position, results of operations and business prospects. Management believes it is taking appropriate measures to support the sustainability of the Group’s business in the current circumstances.

b) Insurance

The Group applies the integrated insurance approach. The Group insurance policies portfolio includes both obligatory and voluntary types, and covers Group assets risks, third party liability risks and other insurable risks. Management of the Group takes the appropriate measures to minimize the potential negative external influence on Group property interest, which is exposed to those risks which are out of existing insurance program.

c) Legal proceedings

The Group was not a party to any significant legal proceedings which, upon final disposition, would have a material adverse effect on the financial position of the Group, except those for which provision has been accrued and recorded in this financial statement.

In August 2016 the short circuit in the coupling capacitance of the overhead power transmission line ‘Anna-Reftinskaya GRES’ activated the protective system of the power plant which prevented from the accident evolution: power generation was automatically stopped and all the outgoing lines from the Reftinskaya GRES were cut-out. The number of the blackouts were registered in the energy system and customers of the several regions experienced outages. Impact of the event for the purpose of disclosing cannot be measured with sufficient reliability based on the information available to the Group.

24. CONTINGENCIES (continued)

d) Tax contingency

The taxation system in the Russian Federation is relatively new and is characterised by frequent changes in legislation, official pronouncements and court decisions, which are often unclear, contradictory and subject to varying interpretation by different tax authorities. Taxes are subject to review and investigation by the tax authorities who may impose severe fines, penalties and interest charges. Tax authorities are entitled to conduct field tax audits within three calendar years preceding the year when the tax authorities issue a decision to conduct a field tax audit.

These circumstances may create tax risks in the Russian Federation that are substantially more significant than in other countries. Management believes that it has provided adequately for tax liabilities based on its interpretations of applicable Russian tax legislation, official pronouncements and court decisions. However, the interpretations of the tax authorities could differ from the position taken by the company and have effect on these consolidated financial statements. If the tax authorities are successful in enforcing their unfavourable interpretations of the tax legislation, the implications for the company could be significant.

The new Russian transfer pricing legislation, which came into force on 1 January 2012, allows the tax Russian authorities to apply transfer pricing adjustments of income and expenses and impose additional corporate income tax liabilities in respect of all “controlled” transactions if the transaction price differs from the market level of prices. The list of “controlled” transactions includes, inter alia, transactions performed with related parties and certain types of cross-border transactions.

The Group determines its tax liabilities arising from “controlled” transactions using actual transaction prices.

Due to the difference in transfer pricing regulations in European countries and Russia and absence of current practice of application of the current Russian transfer pricing legislation, there is a risk that the Russian tax authorities may challenge the level of prices applied by the Group under the “controlled” transactions and accrue additional tax liabilities unless the Group is able to demonstrate the use of market prices with respect to the “controlled” transactions calculated in accordance with Russian transfer pricing regulations.

Overall, management believes that the Group has paid or accrued all taxes that are applicable. For taxes other than corporate income tax, where uncertainty exists, the Group has accrued tax liabilities based on management’s best estimate of the probable outflow of resources, which will be required to settle these liabilities.

e) Environmental matters

The Group operates in the electric power industry in the Russian Federation. The enforcement of environmental regulation in the Russian Federation is evolving and the enforcement posture of government authorities is continually being reconsidered. The Group periodically evaluate its obligations under environmental regulations.

Potential liabilities might arise as a result of changes in legislation and regulation or civil litigation. The impact of these potential changes cannot be estimated. In the current enforcement and given existing legislation, management believes that there are no significant liabilities for environmental damage, except those for which provision has been accrued and recorded in this financial statements (refer to Note 17).

The Company is a subsidiary of Enel Group, which pays special attention to environmental and safety matters.

25. RELATED PARTIES DISCLOSURES

Parties are generally considered to be related if one party has the ability to control the other party, is under common control, or can exercise significant influence or joint control over the other party in making financial and operational decisions. In considering each possible related party relationship, attention is directed to the substance of the relationship, not merely the legal form.

In the normal course of business the Group enters into transactions with related parties.

Related parties include shareholders, directors, subsidiaries and enterprises controlled by Enel S.p.A.

25. RELATED PARTIES DISCLOSURES (continued)

Transactions with Enel Group

For the year ended 31 December 2016 the Group had the following transactions with Enel Group entities:

	<u>For the year ended 31 December 2016</u>	<u>For the year ended 31 December 2015</u>
Sale of electricity	371,139	1,419,236
Other revenue	53,529	303,940
Purchases	(752,894)	(2,231,472)

As at 31 December 2016 the Group had the following balances with Enel Group entities:

	<u>31 December 2016</u>	<u>31 December 2015</u>
Trade and other receivables	463,380	804,638
Advances issued for capital construction	—	32,235
Trade and other payables	(1,850,081)	(3,607,523)

Transactions with other related parties

In 2016 transactions with other related parties represent transactions with the pension fund.

	<u>For the year ended</u>	
	<u>31 December 2016</u>	<u>31 December 2015</u>
Other expenses	196,071	247,603

Transactions with key management personnel

Key management personnel are those persons having authority and responsibility for planning, directing and controlling the activities of the Group, directly or indirectly, including any director (whether executive or otherwise) of that entity.

Total remuneration includes all type of remuneration such as wages, salaries, bonuses, non-monetary benefits, other. Total remuneration paid to the members of the Board of Directors and Management Board for the year ended 31 December 2016 and 2015 was as follows:

	<u>For the year ended 31 December 2016</u>	<u>For the year ended 31 December 2015</u>
Remuneration	122,901	146,695

There were no loans provided to key management personnel during the year ended 31 December 2016.

The employee benefit obligations in the consolidated statement of financial position includes payables attributable to key management personnel at the amount of RUR 37,012 thousand for the year ended 31 December 2016 (2015: RUR 42,115 thousand).

At 31 December 2016 there were 11 members of the Board of Directors and 4 members of the Management Board. At 31 December 2015 there were 11 members of the Board of Directors and 7 members of the Management Board.

26. STANDARDS ISSUED BUT NOT YET EFFECTIVE

The standards and interpretations that are issued, but not yet effective, up to the date of issuance of the Group's financial statements are disclosed. The Group has disclosed and addressed only those new standards and interpretations that are expected to have an impact on the Group's financial position, performance, and/or disclosures. The Group intends to adopt these standards, if applicable, when they become effective.

IFRS 9 Financial Instruments

In July 2014, the IASB issued the final version of IFRS 9 *Financial Instruments* which reflects all phases of the financial instruments project and replaces IAS 39 *Financial Instruments: Recognition and Measurement* and all previous versions of IFRS 9. The standard introduces new requirements for classification and measurement, impairment, and hedge accounting. IFRS 9 is effective for annual periods beginning on or after 1 January 2018, with early application permitted. Retrospective application is required, but comparative information is not compulsory. Early application of previous versions of IFRS 9 (2009, 2010 and 2013) is permitted if the date of initial application is before 1 February 2015. The adoption of IFRS 9 will have an effect on accounting of financial instruments. The effect has not yet been determined.

26. STANDARDS ISSUED BUT NOT YET EFFECTIVE (continued)

IFRS 15 Revenue from Contracts with Customers

IFRS 15 was issued in May 2014 and establishes a five-step model to account for revenue arising from contracts with customers. Under IFRS 15, revenue is recognised at an amount that reflects the consideration to which an entity expects to be entitled in exchange for transferring goods or services to a customer. The new revenue standard will supersede all current revenue recognition requirements under IFRS. Either a full retrospective application or a modified retrospective application is required for annual periods beginning on or after 1 January 2018, when the IASB finalises their amendments to defer the effective date of IFRS 15 by one year. Early adoption is permitted. The adoption of IFRS 15 can have an effect on Group's financial statements. The effect has not yet been determined.

IFRS 16 Leases

IFRS 16 was issued in January 2016 and it replaces IAS 17 *Leases*, IFRIC 4 *Determining whether an Arrangement contains a Lease*, SIC-15 *Operation Leases – Incentives* and SIC-27 *Evaluating Substance of Transactions Involving the Legal form of a Lease*. IFRIC 16 sets out the principles for the recognition, measurement, presentation and disclosure of leases and requires lessees to account for all leases under a single on-balance sheet model similar to the accounting for finance leases under IAS 17. The standard includes two recognition exemptions for lessees-leases of 'low-value' assets (e.g., personal computers) and short-term leases (i.e., leases with a lease term of 12 months or less). At the commencement date of a lease, a lessee will recognize a liability to make lease payments (i.e., the lease liability) and an asset representing the right to use the underlying asset during the lease term (i.e., the right-of-use asset). Lessees will be required to separately recognize the interest expense on the lease liability and the depreciation expense on the right-of-use asset.

IFRS 16 is effective for annual periods beginning on or after 1 January 2019. Early application is permitted, but not before an entity applies IFRS 15. A lessee can choose to apply the standard using either a full retrospective or a modified retrospective approach. The adoption of IFRS 16 can have an effect on Group's financial statements. The effect has not yet been determined.

IAS 7 Statement of Cash Flows require: Disclosure Initiative

The amendments apply to the liabilities and assets arising from financing activities, defined as those for which cash flows were, or future cash flows will be, classified in the statement of cash flows as "cash flows from financing activities". The amendments require a disclosure of changes in these items, including changes arising from cash flows and non-cash changes. On initial application of the amendment, entities are not required to provide comparative information for preceding periods. The amendments will take effect for annual periods beginning on or after 1 January 2017. The future application of the new provisions will probably result in additional disclosure.