# RAO UES GROUP IFRS CONSOLIDATED INTERIM FINANCIAL STATEMENTS FOR THE SIX MONTHS ENDED 30 JUNE 2005



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#### **AUDITORS' REPORT**

To the Shareholders and Board of Directors of the Russian Open Joint Stock Company for Energy and Electrification Unified System of Russia ("RAO UES")

- 1. We have audited the accompanying consolidated interim balance sheet of RAO UES and its subsidiaries (the "Group") as of 30 June 2005 and the related consolidated interim statements of operations, cash flows and changes in equity for the six months then ended. These consolidated interim financial statements as set out on pages 3 to 45 are the responsibility of the RAO UES' management. Our responsibility is to express an opinion on these consolidated interim financial statements based on our audit.
- 2. We conducted our audit in accordance with International Standards on Auditing. Those Standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated interim financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
- 3. In our opinion, the accompanying consolidated interim financial statements present fairly, in all material respects, the financial position of the Group as of 30 June 2005, and of the results of its operations and its cash flows for the period then ended in accordance with International Accounting Standard 34 "Interim Financial Reporting".
- 4. Without qualifying our opinion, we draw your attention to Notes 1 and 7 to the accompanying consolidated interim financial statements. The Government of the Russian Federation has a controlling interest in RAO UES and Governmental economic and social policies affect the Group's financial position, results of operations and cash flows.

ZAO Arrematerhouse Corpers Audit

Moscow, Russian Federation

19 December 2005

|  | Notes   | 30 June 2005              | 31 December 2004          |
|--|---|---------------------------|---------------------------|
| ASSETS   |   |                           |                           |
| Non-current assets                                   | ~   |                           |                           |
| Property, plant and equipment                        | 8   | 908,119                   | 892,881                   |
| Investments in associates                            | 9   | 972<br>5.067              | 1,030                     |
| Deferred profit tax assets                           | 15  | 5,067                     | 5,937                     |
| Other non-current assets  Total non-current assets   | 10  | 45,123<br><b>959,281</b>  | 32,561                    |
| Total non-current assets                             |   | 959,261                   | 932,409                   |
| Current assets                                       |   |                           |                           |
| Cash and cash equivalents                            | 11  | 29,678                    | 35,844                    |
| Accounts receivable and prepayments Inventories      | 12  | 142,217                   | 111,242                   |
| Other current assets                                 | 13  | 42,552<br>8,609           | 41,956                    |
| Total current assets                                 | · · · · · · · · · · · · · · · · · · ·   | 223,056                   | 5,547<br><b>194,589</b>   |
| Total current assets                                 |   | 223,030                   | 174,389                   |
| TOTAL ASSETS   |   | 1,182,337                 | 1,126,998                 |
| EQUITY AND LIABILITIES                               |   |                           |                           |
| Equity attributable to the shareholders of           |   |                           |                           |
| RAO UES  | 14  |                           |                           |
| Share capital  |   |                           |                           |
| Ordinary shares (nominal value RR 20,521 million)    |   | 147,439                   | 147,439                   |
| Preference shares (nominal value RR 1,038 million)   |   | 7,667                     | 7,667                     |
| Treasury shares                                      |   | (3,711)                   | (3,925)                   |
| Retained earnings and other reserves                 |   | 470,509                   | 462,470                   |
| Total equity attributable to the shareholders of     |   |                           |                           |
| RAO UES  |   | 621,904                   | 613,651                   |
| Minority interest  Total equity                      |   | 242,622<br><b>864,526</b> | 227,633<br><b>841,284</b> |
| Total equity   |   | 004,520                   | 041,204                   |
| Non-current liabilities                              |   |                           |                           |
| Deferred profit tax liabilities                      | 15  | 56,674                    | 56,091                    |
| Non-current debt                                     | 16  | 28,750                    | 20,047                    |
| Other non-current liabilities                        | 17  | 16,945                    | 17,035                    |
| Total non-current liabilities                        | ***   | 102,369                   | 93,173                    |
| <b>Current liabilities</b>                           |   |                           |                           |
| Current debt and current portion of non-current debt | 18  | 69,290                    | 65,949                    |
| Accounts payable and accrued charges                 | 19  | 93,437                    | 83,865                    |
| Taxes payable  | 20  | 52,715                    | 42,727                    |
| Total current liabilities                            |   | 215,442                   | 192,541                   |
| Total liabilities                                    |   | 317,811                   | 285,714                   |
| TOTAL EQUITY AND LIABILITIES                         | and the first of the contract | 1,182,337                 | 1,126,998                 |
|  |   |                           |                           |
| Chairman of the Management Board                     |   | # W                       | Chubais A.B.              |
| Financial Director                                   | villin <b>Val</b> ika<br>Villin Valika  | /Anc                      | Dubinin S.K.              |
| Financial Director                                   |   |                           | 19 December 2005          |
| ord .  | - manufacture   |                           |                           |

The accompanying notes are an integral part of these consolidated interim financial statements.

|   |  | Six months ended | Six months ended |
|---|--|------------------|------------------|
|   | Notes  | 30 June 2005     | 30 June 2004     |
|   |  |                  |                  |
| Revenues  |  |                  |                  |
| Electricity   |  | 284,659          | 257,432          |
| Heating   |  | 77,197           | 65,408           |
| Other   |  | 29,254           | 19,888           |
| Total revenues  |  | 391,110          | 342,728          |
| Costs and other deductions  |  |                  |                  |
| Fuel expenses   |  | 113,303          | 96,425           |
| Wages, benefits and payroll taxes   |  | 59,321           | 47,735           |
| Purchased power   |  | 41,416           | 37,885           |
| Depreciation (including property, plant and   |  |                  |                  |
| equipment impairment)   | 8  | 33,539           | 33,574           |
| Repairs and maintenance   |  | 22,615           | 22,626           |
| Taxes other than on income  |  | 10,215           | 10,839           |
| Other materials   |  | 6,894            | 5,572            |
| Doubtful debtors expense  |  | 6,016            | 3,449            |
| Electricity and heat distribution   |  | 5,847            | 4,317            |
| Increase of minority interest due to the restructuring  | g 14   | 5,463            | -                |
| Insurance expense   |  | 2,676            | 2,331            |
| Water usage expenses  |  | 2,069            | 2,062            |
| Social expenditures   |  | 670              | 852              |
| Loss on disposal of property, plant and equipment   |  | 505              | 614              |
| Other expenses  | 21   | 39,183           | 32,600           |
| Total costs and other deductions  |  | 349,732          | 300,881          |
| Operating profit  | · .  | 41,378           | 41,847           |
| Finance costs – net   | 22   | (8,131)          | (5,697)          |
| Share of loss of associates   | 9  | (58)             | (164)            |
| Profit before profit tax  |  | 33,189           | 35,986           |
| Total profit tax charge   | 15   | (16,813)         | (13,782)         |
| Profit for the period   | 1.5  | 16,376           | 22,204           |
| Attributable to:  |  | 10,570           | 22,204           |
| Shareholders of RAO UES   |  | 10,695           | 15,421           |
| Minority interest   |  | 5,681            |                  |
| Willionty linerest  |  |                  | 6,783            |
|   |  | 16,376           | 22,204           |
| Earnings per ordinary and preference share for profit attributable to the shareholders of RAO UES – basic and diluted (in Russian |  |                  |                  |
| Roubles)  | 23   | / 0.25           | 0.36             |
|   |  | //               |                  |
|   | Secretary of   |                  |                  |
| Chairman of the Management Board  | \$ 100 000 1E3C  |                  | Chubais A.B.     |
| Financial Director  |  | S.E              | Dubinin S.K.     |
|   | \$ 2   |                  | 19 December 2005 |
|   | A STATE OF THE STA |                  |                  |

|   | Six months ended<br>30 June 2005 | Six months ended<br>30 June 2004 |
|---|----------------------------------|----------------------------------|
| CASH FLOW FROM OPERATING ACTIVITIES:  |                                  |                                  |
| Profit before profit tax Adjustments to reconcile profit before profit tax to net cas provided by operations: | <b>33,189</b>                    | 35,986                           |
| Depreciation (including property, plant and equipment   |                                  |                                  |
| impairment)   | 33,539                           | 33,574                           |
| Doubtful debtors expense  | 6,016                            | 3,449                            |
| Interest and gain on restructuring accounts payable and tax payable   |                                  | C 411                            |
| Share of loss of associates   | 8,131<br>58                      | 6,411<br>164                     |
| Loss on disposal of property, plant and equipment   | .505                             | 614                              |
| Adjustment for other non-cash investing activities  | (192)                            | (114)                            |
| Operating cash flows before working capital changes a   |                                  |                                  |
| profit tax paid   | 81,246                           | 80,084                           |
| Working capital changes:  |                                  |                                  |
| Increase in accounts receivable and prepayments   | (30,676)                         | (19,753)                         |
| (Increase) / decrease in other current assets<br>(Increase) / decrease in inventories                         | (831)<br>(384)                   | 496                              |
| Increase in other non-current assets  | (8,771)                          | 623<br>(5,984)                   |
| Increase in accounts payable and accrued charges  | 6,054                            | 1,172                            |
| Increase in taxes payable, other than profits tax   | 1,696                            | 712                              |
| Decrease in other non-current liabilities   | (3,895)                          | (5,504)                          |
| Profit tax paid (cash)  | (17,506)                         | (15,504)                         |
| Profit tax paid (non-cash)  | (33)                             | (257)                            |
| Net cash generated by operating activities  | 26,900                           | 36,085                           |
| CASH FLOW FROM INVESTING ACTIVITIES:  |                                  |                                  |
| Additions to property, plant and equipment  | (40,016)                         | (29,715)                         |
| Proceeds from sale of property, plant and equipment   | 3,074                            | 3,226                            |
| Purchases of investments, net   | (3,035)                          | (197)                            |
| Acquisition of subsidiaries, net of cash acquired   | (2,029)                          | *                                |
| Net cash used for investing activities  | (42,006)                         | (26,686)                         |
| CASH FLOW FROM FINANCING ACTIVITIES:  |                                  |                                  |
| Proceeds from issuance of current debt  | 119,158                          | 95,375                           |
| Proceeds from issuance of non-current debt  | 12,471                           | 5,964                            |
| Repayment of debt   | (120,026)                        | (98,947)                         |
| Interest paid Dividends paid by Group to minority interest shareholders                                       | (4,096)                          | (3,417)                          |
| Proceeds from share issuance  | (1,219)<br>3,125                 | (231)<br>27                      |
| Purchases of treasury shares, net   | (473)                            | <i>4 1</i>                       |
| Net cash generated by / (used for) financing activities   | 8,940                            | (1,229)                          |
| (Decrease) / increase in cash and cash equivalents Cash and cash equivalents at the beginning of the period   | (6,166)<br>d / 35,844            | 8,170                            |
| Cash and cash equivalents at the beginning of the period  | 29,678                           | 31,978                           |
| cush and cush equivalents at the cita of the period   | 25,070                           | 40,148                           |
| Chairman of the Management Board  |                                  | Chubais A.B.                     |
| Financial Director  | ESCA YALL                        | Dubinin S.K.                     |
|   |                                  | 19 December 2005                 |

| At 1 January 2004 Change in fair value of available-for-sale investments Translation differences Net expense recognised directly in equity Profit for the period Total recognised income for the period | rdinary<br>share<br>capital<br>147,439 | Preference<br>share capital<br>7,667 | Treasury<br>shares | Retained<br>earnings<br>and other<br>reserves<br>432,553 | <b>Total</b> 587,304 | Minority<br>interest | Total equity |
|---|--|--------------------------------------|--------------------|--|----------------------|----------------------|--------------|
| Change in fair value of available-for-sale investments  Translation differences  Net expense recognised directly in equity  Profit for the period  Total recognised income for the period               | 147,439                                | 7,667                                | (355)              | 432,553  | 587 304              |                      |              |
| available-for-sale investments  Translation differences  Net expense recognised directly in equity  Profit for the period  Total recognised income for the period                                       | -                                      | -                                    |                    |  | 201,204              | 219,687              | 806,991      |
| Net expense recognised directly in equity  Profit for the period  Total recognised income for the period  | -                                      |                                      | +                  | (106)  | (106)                | -                    | (106)        |
| recognised directly in equity  Profit for the period  Total recognised income for the period  |  | -                                    | -                  | (26)   | (26)                 | -                    | (26)         |
| Total recognised income for the period  | -                                      | -                                    |                    | (132)  | (132)                | -                    | (132)        |
| income for the period   | -                                      | •                                    | -                  | 15,421   | 15,421               | 6,783                | 22,204       |
| A   |  |                                      |                    | 15,289   | 15,289               | 6,783                | 22,072       |
| Acquisitions and changes in Group structure   | -                                      | _                                    | -                  | _  | -                    | 1,038                | 1,038        |
| Dividends   | _                                      | _                                    | -                  | (2,399)  | (2,399)              | (2,131)              | (4,530)      |
| At 30 June 2004   | 147,439                                | 7,667                                | (355)              | 445,443  | 600,194              | 225,377              | 825,571      |
| 1 January 2005  | 147,439                                | 7,667                                | (3,925)            | 462,470  | 613,651              | 227,633              | 841,284      |
| Change in fair value of available-for-sale investments  | -                                      | -                                    | -                  | 105  | 105                  | -                    | 105          |
| Translation differences   | -                                      | -                                    | -                  | 23   | 23                   | -                    | 23           |
| Net income recognised directly in equity  | -                                      | -                                    | <del>-</del>       | 128  | 128                  | -                    | 128          |
| Profit for the period   | -                                      | ***                                  | -                  | 10,695   | 10,695               | 5,681                | 16,376       |
| Total recognised income for the period  | -                                      | -                                    | _                  | 10,823   | 10,823               | 5,681                | 16,504       |
| Change in treasury shares, net  | -                                      | -                                    | 214                | (190)  | 24                   | -                    | 24           |
| Acquisitions and changes in Group structure   | -                                      | -                                    | -                  | -  | -                    | 11,478               | 11,478       |
| Dividends   | -                                      | -                                    | -                  | (2,758)  | (2,758)              | (2,170)              | (4,928)      |
| Employee share-<br>option plan  | -                                      | -                                    | -                  | 164  | 164                  | -                    | 164          |
| At 30 June 2005   | 147,439                                | 7,667                                | × (3,711)          | 470,509  | <del>\$21,904</del>  | 242,622              | 864,526      |

Chairman of the Management Board

Financial Director

Chubais A.B.

Dubinin S.K.

19 December 2005

The accompanying notes are an integral part of these consolidated interim financial statements.

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005

(in millions of Russian Roubles)

#### Note 1: The Group and its operations

The Russian Open Joint Stock Company for Energy and Electrification Unified Energy System of Russia ("RAO UES") was created on 31 December 1992 following the privatisation of certain electricity power generation, transmission and distribution assets formerly under the control of the Ministry of Energy of the Russian Federation. Nuclear generation stations were not transferred to RAO UES.

The RAO UES Group (the "Group") consists of RAO UES and its related subsidiaries and associates as at 30 June 2005. Principal subsidiaries are disclosed in Note 5. The operations of all generating facilities are co-ordinated by OAO System Operator-Central Dispatch Unit of Unified Energy System, which is under the control of the Group, in order to meet system requirements in an efficient manner.

The Group performs the following major activities:

- *Generation* electricity and heat generation;
- *Transmission* high voltage transmission of electricity;
- **Distribution** delivery of electricity through distribution grids;
- **Retailing** sales of electricity.

RAO UES's registered office is located at bld. 3, 101 Vernadskogo prospect, 119526, Moscow, Russia.

**Operating environment.** The Russian Federation continues to display some characteristics of an emerging market. These characteristics include, but are not limited to, the existence of a currency that is not freely convertible in most countries outside of the Russian Federation, restrictive currency controls, and relatively high inflation. The tax, currency and customs legislation within the Russian Federation is subject to varying interpretations, and changes, which can occur frequently.

Whilst there have been improvements in the economic trends, the future economic direction of the Russian Federation is largely dependent upon the effectiveness of economic, financial and monetary measures undertaken by the government, together with tax, legal, regulatory, and political developments.

**Relations with the state and current regulation.** At 30 June 2005, the Government of the Russian Federation owned 52.7 percent of RAO UES, which represents 55.0 percent of the ordinary shares issued. As discussed in Note 14, only ordinary shares have voting rights. The Group's customer base includes a large number of entities controlled by, or related to, the state. Furthermore, the state controls a number of the Group's fuel and other suppliers.

The government of the Russian Federation directly affects the Group's operations through regulation by the Federal service on tariffs ("FST"), with respect to its wholesale energy sales, and by the regional services on tariffs ("RSTs"), with respect to its retail electricity and heat sales. Tariffs which Group entities may charge for sales of electricity and heat are governed both by regulations specific to the electricity and heat industry and by regulations applicable to natural monopolies. As a condition to privatisation in 1992, the government of the Russian Federation imposed an obligation on Group entities to provide connection for the supply of electricity and heating to customers in the Russian Federation.

#### Note 1: The Group and its operations (continued)

As described above and in Notes 2 and 25, the government's economic, social and other policies could have material effects on the operations of the Group.

Regulatory issues and sector restructuring. The Russian electric utilities industry in general and the Group in particular are presently undergoing a reform process designed to introduce competition into the electricity sector and to create an environment in which the Group and its successor companies can raise the capital required to maintain and expand current capacity. The regulatory framework governing the process of reforming the Russian Federation electric utilities industry and the functioning of the industry, both during the transition period and subsequent to the completion of reforms, is set forth in the following legislation: Federal Law No.35-FZ of 26 March 2003 "On Electric Utilities" and Federal Law No.36-FZ of 26 March 2003 "On the Specifics of the Functioning of Electric Utilities During the Transition Period and the Introduction of Amendments to Certain Russian Federation Legislative Acts and the Invalidation of Certain Russian Federation Legislative Acts in Connection with the Adoption of the Law "On the Electric Utilities of the Russian Federation" ("Federal Law No.36-FZ").

- On 29 May 2003, the Board of Directors of RAO UES approved a "Concept of RAO UES strategy for the period from 2003 through 2008". This document provides a detailed description of the major changes that are planned to take place in the Group during the electric utilities reform program.
- On 24 December 2004, the Government of the Russian Federation reviewed its policy aimed at the restructuring of electric utilities and appreciated the measures taken in line with the decisions made previously. A number of tasks related to the further reform were assigned to the Ministries and Agencies.
- At present bills are being drafted for the specific legislative acts envisioned under the aforementioned federal
  laws on electric utilities reform according to the action plan related to electric utilities reform and adopted by the
  resolution of the Russian Federation government of 27 June 2003 No 865-r. RAO UES has been playing an
  active role in drafting these legislative acts.
- In December 2004, amendments were made to the Federal Law #36-FZ, which provide for postponement of prohibition for combining electricity transmission and dispatching electricity with electricity generation, sales and purchases from 1 January 2005 to 1 April 2006.
- In early September 2003, the Russian Federation Government issued Resolution # 1254-r which approved the structure of Wholesale generating companies ("WGCs"). In October 2004, Resolution of the Russian Federation Government #1367-r amended the structure of the WGCs. Under the Resolutions, 7 generating companies (6 companies based on thermal generating power plants and 1 company based on hydro generating power plants), which will include the power plants owned by RAO UES and its subsidiaries, will be established.
- In 2004, the Board of Directors of RAO UES at its meetings approved participation of RAO UES in all 7 WGCs. At the end of 2004 and the beginning of 2005, state registration was issued to all 7 WGCs.
- In June 2005, the Board of Directors of RAO UES approved the exchange coefficients and conversion coefficients with regard to the shares of stand-alone electricity generation stations included in WGC-5 and WGC-3 to be converted into the shares of the respective WGC in order to implement the project on transition of the WGCs to the unified share and incorporation of stand-alone electricity generation stations with the WGCs.
- In October 2003, the Russian Federation government issued Resolution No. 643 "On the Rules for the Wholesale Electricity (Power) Market during the Transition Period". According to the rules adopted, there will be two sectors within the Federal Wholesale Electricity (Power) Market: regulated trading sector and free trading sector. Within the free trading sector, electricity suppliers will be able to sell electricity generated with the use of facilities and equipment accounting for 15 percent of their working capacity. Since November 2003, the non-commercial partnership "Trade System Administrator of the Wholesale Electricity Market", in accordance with the rules for the wholesale electricity (power) market during the transition period, has been holding electricity bidding in the free trading sector, the European part of Russia and the Ural. Starting from May 2005, the free trading sector was extended to include Siberia. According to the laws underlying the electric utilities reform, subsequently free trading will be extended over the whole volume of trading. Starting from October 2005, competitive sector of deviations began to work.
- The Federal Grid Company OAO Federal Grid Company of Unified Energy System ("FGC") was established in June 2002 as a wholly-owned subsidiary of RAO UES, to manage the transmission of electricity through the use of transmission assets received or earmarked for receipt from RAO UES and its subsidiaries.

## Note 1: The Group and its operations (continued)

- OAO System Operator-Central Dispatch Unit of Unified Energy System ("SO-CDU") was established in September 2002 to perform electricity dispatch functions within the unified electricity system of the Russian Federation through the use of assets received or earmarked for receipt from RAO UES and its subsidiaries.
- All the individual regional power companies, responsible for the generation, distribution and sale of heat and
  electricity ("Energos") that are subject to reform have developed their respective reform plans and submitted
  them to RAO UES. At present, reform plans of 67 Energos are approved by the management bodies of RAO
  UES.
- In April 2004, the Board of Directors of RAO UES approved the listing and structure of 14 territorial generating companies ("TGCs"), which will ultimately own the generating assets, before the reform owned by RAO UES subsidiaries (except for power plants to be included into WGCs). In June 2005, the Board of Directors updated the structure of TGC-11 and TGC-12.
- As at 19 December 2005, the Board of Directors of RAO UES approved incorporation and accomplished the state registration of 13 out of 14 planned TGCs. 6 TGCs are in the process of establishing operational companies. The formation of TGC-3, which was set on the basis of OAO "Mosenergo" reorganization, is completed.
- On 1 October 2004, the Board of Directors of RAO UES approved participation of RAO UES in 4 Interregional
  distribution grid companies ("IDGCs"), which will be the owners of shares of the distribution grid companies,
  involved in electricity transmission via distribution grids. It is planned, that in the course of restructuring of RAO
  UES subsidiaries, distribution grid companies ("DGCs") will be established and their shares will be exchanged
  for the shares of the IDGCs.
- As at 19 December 2005, 50 subsidiaries of RAO UES have held General shareholders meeting at which plans
  for reorganization have been approved, and state registration was issued to the companies spun off from 53 RAO
  UES subsidiaries.
- On 24 June 2005, the Board of Directors of RAO UES adopted a temporary decision to transfer the shares of retail companies under the trusteeship of TGCs for the term of one year. At the same time 10 pilot projects envisaging other means of retail companies shares disposal are planned to be realized with a view to developing alternative ways of the Group companies collaboration with different partners. On 30 September 2005, the Boards of Directors of RAO UES approved the list of pilot retail companies and the major terms of these projects. The final decision upon the strategy of organizing the retail activity of Group is planned to be adopted in April 2006, taking into consideration how the Group will pass the autumn-spring maximum load season of 2005/2006.
- On 2 September 2005, the Board of Directors of RAO UES adopted the project of reformation of the Far East Group companies. This project is intended for creation of United Holding Company on the basis of assets of OAO "Khabarovskenergo", ZAO "LuTEK", OAO "Amurenergo", OAO "Yakutskenergo" (in the part of South energy region) and OAO "Dalenergo".
- On 28 October 2005, the Board of Directors of RAO UES discontinued moratorium related to disposal and collateral of core assets of RAO UES (initially approved by Board of Directors on 29 November 2002). Also the Board of Directors approved the order of cash allocation obtained from the disposal of fixed assets and long-term investments.

At this time, the impact of the industry changes on both the financial results and position of the Group cannot be readily assessed because the specific, detailed mechanisms to effect the restructuring are still being determined. Accordingly, no provision has been recognised for the effects of the restructuring process.

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005

(in millions of Russian Roubles)

#### Note 2: Financial condition

At 30 June 2005, the Group's current assets exceeded its current liabilities by Russian Roubles ("RR") 7,614 million (at 31 December 2004: RR 2,048 million).

The Group has improved its financial position, largely through better cash collections and the restructuring of trade and tax liabilities to long term. The effects of the restructuring of accounts and taxes payable are described in Notes 17, 19 and 20. There still remains a significant amount of uncollected accounts receivable from earlier periods. Management has continued its collection and restructuring efforts to reduce the outstanding balances. There is legislation enabling the Group to cut off non-payers, but this is only possible to a certain extent due to strategic and political factors. Federal, municipal and other governmental organisations make up a significant portion of the debtor balance as at 30 June 2005. The Group has provided against doubtful accounts receivable, as further described in Notes 10 and 12.

The Group is affected by government policy through control of tariffs and other factors. The RSTs do not always permit tariff increases in line with increases in the Group's costs and thus some tariffs are insufficient to cover all the costs of generation and distribution. Moreover, these tariffs consider costs only on a Russian statutory basis and, accordingly, exclude additional costs recognised under an IFRS basis of accounting. As a result, tariffs do not consistently allow for an adequate return on investment and currently do not provide sufficient funds for the full replacement of property, plant and equipment. Furthermore, the Group also experiences difficulties raising finance for the necessary investment in generation, transmission and distribution assets.

Group management has been taking the following actions in order to address the issues noted above and improve the Group's financial position:

- introduction of improved financial budgeting procedures; a strong focus on timely cash collection of current and old debtor balances; restructuring of liabilities for repayment over a longer period;
- discussions with strategic investors, and identification and assessment of projects requiring investment funds;
- negotiations with federal and regional governments and regulators for real increases in tariffs to support adequate long term investment into the Group's generation, transmission and distribution assets; and
- active participation in the restructuring of the electricity sector (see Note 1).

Management believes that ultimately a stable regulatory regime and a competitive power market will be put in place such that the Group and its successors will be able to raise needed capital to sustain the business. However, there can be no assurance in this regard.

#### **Note 3: Basis of preparation**

**Statement of compliance.** These interim consolidated financial statements ("Financial Statements") have been prepared in accordance with, and comply with, International Financial Reporting Standards, including International Accounting Standards and Interpretations issued by the IASB ("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 ("RAR") with the exception of foreign companies which prepare their statutory financial statements in accordance with their statutory accounting requirements. The accompanying Financial Statements are based on the statutory records and adjusted and reclassified for the purpose of fair presentation in accordance with IFRS.

**Reclassifications.** Certain reclassifications have been made to prior year data to conform to the current year presentation.

**Functional and presentation currency.** The national currency of the Russian Federation is the RR, which is RAO UES's functional currency and the currency in which these Financial Statements are presented. All financial information presented in RR has been rounded to the nearest million.

#### Note 3: Basis of preparation (continued)

Inflation accounting. Prior to 1 January 2003 the adjustments and reclassifications made to the statutory records for the purpose of IFRS presentation included the restatement of balances and transactions for the changes in the general purchasing power of the RR in accordance with IAS 29 ("Financial Reporting in Hyperinflationary Economies"). IAS 29 requires that the financial statements prepared in the currency of a hyperinflationary economy be stated in terms of the measuring unit current at the balance sheet date. As the characteristics of the economic environment of the Russian Federation indicate that hyperinflation has ceased, effective from 1 January 2003 the Group no longer applies the provisions of IAS 29. Accordingly, the amounts expressed in the measuring unit current at 31 December 2002 are treated as the basis for the carrying amounts in these Financial Statements.

Recent accounting pronouncements. During the period December 2003 to November 2005, the International Accounting Standards Board ("IASB") revised 17 of its standards and issued 7 new standards. In addition, the International Financial Reporting Interpretations Committee ("IFRIC") issued six new interpretations in 2004, one of which was subsequently withdrawn. These standards are effective for accounting periods commencing on or after 1 January 2005, except for IFRS 6 "Exploration and Evaluation of Mineral Resources" ("IFRS 6") and IFRS 7 "Financial instruments: disclosures" ("IFRS 7"), which are effective for periods commencing on or after 1 January 2006 and 1 January 2007 respectively, but may be adopted early.

Adoption of new and revised standards. Effective 1 January 2005 the Group adopted all of those IFRS, which are relevant to its operations, except for IFRS 3 "Business Combinations" ("IFRS 3"), IAS 36 (revised 2004) "Impairment of Assets" ("IAS 36") and IAS 38 (revised 2004) "Intangible Assets" ("IAS 38"), which were early adopted by the Group in 2004.

The adoption of IAS 1 "Presentation of Financial Statements" ("IAS 1"), IAS 2 "Inventories" ("IAS 2"), IAS 8 "Policies, Changes in Accounting Estimates and Errors" ("IAS 8"), IAS 10 "Events after the Balance Sheet Date" ("IAS 10"), IAS 16 "Property, Plant and Equipment" ("IAS 16"), IAS 17 "Leases" ("IAS 17"), IAS 21 "The Effects of Changes in Foreign Exchange Rates" ("IAS 21"), IAS 24 "Related Party Disclosures" ("IAS 24"), IAS 27 "Consolidated and Separate Financial Statements" ("IAS 27"), IAS 28 "Investments in Associates" ("IAS 28"), IAS 32 "Financial Instruments: Disclosure and Presentation" ("IAS 32"), IAS 33 "Earnings per Share" ("IAS 33") (all revised 2003) and IAS 39 (revised 2004) "Financial Instruments: Recognition and Measurement" ("IAS 39"), IFRS 2 "Share-based Payments" ("IFRS 2") and IFRS 5 "Non-current Assets Held for Sale and Discontinued Operations" ("IFRS 5") did not result in substantial changes to the Group's accounting policies. In summary:

The adoption of IAS 1 clarifies certain presentation requirements. Most significantly, the revised standard requires that in the income statement, the minority interest share in the results of subsidiaries, is no longer added or subtracted in arriving at the Group's profit for the period. Instead it is presented as an allocation of the Group's profit for the period. In the balance sheet, minority interest is presented as a separate component of equity rather than being presented between equity and liabilities. As a result, the Statement of Changes in Equity shows the movement in minority interests during the period. Comparatives were restated to reflect these changes.

IAS 24 has affected the identification of related parties and some other related-party disclosures. Under IAS 24 the Group is now no longer exempt from disclosing transactions with other state-controlled entities as with parties under common Governmental control.

IAS 2, 8, 10, 16, 17, 21, 27, 28, 32, 33, 39, IFRS 2 and IFRS 5 had no material effect on the Group's financial position, statements of income or of cash flows.

*New accounting pronouncements.* The following new Standards and Interpretations are not yet effective and have not been applied in preparing these Financial Statements:

- IFRS 7 "Financial Instruments: Disclosures", which is effective for annual periods beginning on or after 1 January 2007. The Standard will require increased disclosure in respect of the Group's financial instruments.
- Amendment to IAS 1 "Presentation of Financial Statements Capital Disclosures", which is effective for annual
  periods beginning on or after 1 January 2007. The Standard will require increased disclosure in respect of the
  Group's capital.

#### Note 3: Basis of preparation (continued)

- Amendment to IAS 19 "Employee Benefits", which is effective for annual periods beginning on or after 1 January 2006. The amendment to IAS 19 introduces an additional option to recognise actuarial gains and losses arising in post-employment benefit plans in full directly in retained earnings in equity. It also requires new disclosures about defined benefit plans and clarifies accounting for a contractual agreement between a multi-employer plan and participating employers.
- Amendment to IAS 39 "Financial Instruments: Recognition and Measurement The Fair Value Option", which is effective for annual periods beginning on or after 1 January 2006. The amendment restricts the designation of financial instruments as "at fair value through profit or loss". The Group has not yet completed its analysis of the impact of the amendment.
- IFRIC 4 "Determining whether an Arrangement contains a Lease", which is effective for annual periods beginning on or after 1 January 2006. The Interpretation requires certain arrangements to be accounted for as a lease even if they are not in the legal form of a lease. The Group has not yet completed its analysis of the impact of the new Interpretation.

*Going concern.* The Financial Statements have been prepared on a going concern basis, which contemplates the realisation of assets and the satisfaction of liabilities in the normal course of business. The accompanying Financial Statements do not include any adjustments should the Group be unable to continue as a going concern.

Use of estimates. Management has made a number of estimates and assumptions relating to the reporting of assets and liabilities and the disclosure of contingent assets and liabilities to prepare these Financial Statements in conformity with IFRS. Actual results could differ from those estimates. In particular, information about significant areas of estimation uncertainty and critical judgments in applying accounting policies made by management in preparing these Financial Statements are described in the following notes:

- Note 8 Property, plant and equipment;
- Note 12 Accounts receivable and prepayments;
- Note 13 Inventories; and
- Note 25 Contingencies.

#### Note 4: Summary of significant accounting policies

**Principles of consolidation.** The Financial Statements comprise the financial statements of RAO UES and the financial statements of those entities whose operations are controlled by RAO UES. Control is presumed to exist when RAO UES controls, directly or indirectly through subsidiaries, more than 50 percent of voting rights. The Group consolidates a number of companies in which the Group owns less than 50 percent of the voting shares. In these circumstances, control exists on the basis of a significant shareholding combined with other factors which allow the Group to exercise control, namely: RAO UES has the majority in the Board of Directors, RAO UES is the dominant owner, RAO UES has major influence over the company operations through its ownership and operation of the national grid.

The majority of the principal subsidiary companies described in Note 5 were transferred to RAO UES by the state on and after its incorporation into a joint stock company, or as a result of Group restructuring. These transfers represented a reorganisation of assets under common control and, accordingly, were accounted for in a manner similar to uniting of interests from the date of privatisation of each Group entity, or from the date of Group restructuring.

All inter-company balances and transactions have been eliminated. The minority interest has been disclosed as part of equity.

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005

(in millions of Russian Roubles)

#### Note 4: Summary of significant accounting policies (continued)

*Investments in associates.* Investments in associated enterprises are accounted for using the equity method of accounting, based upon the percentage of ownership held by the Group. Associated enterprises are entities over which RAO UES is presumed to exercise significant influence but which it does not control.

When the Group's share of losses in an associate equals or exceeds its interest in the associate, including any other unsecured receivables, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the associate.

*Investments.* Investments intended to be held for an indefinite period of time are classified as available-for-sale; these are included in other non-current assets unless management has the express intention of holding the investment for less than 12 months from the balance sheet date, they will need to be sold to raise operating capital or they mature within 12 months, in which case they are included in other current assets. Management determines the appropriate categorisation, current or non-current, at the time of the purchase and re-evaluates it based on maturity at each reporting date.

Available-for-sale investments principally comprise non-marketable securities, which are not publicly traded or listed on the Russian stock exchange. For these investments, fair value is estimated by reference to a variety of methods including those based on their earnings and those using the discounted value of estimated future cash flows. In assessing the fair value, management makes assumptions that are based on market conditions existing at each balance sheet date. Investments in equity securities that are not quoted on a stock exchange, and where fair value cannot be estimated on a reasonable basis by other means, are stated at cost less impairment losses.

Purchases and sales of investments are initially measured at fair value and recognised on the settlement date, which is the date that the investment is delivered to or by the Group. Cost of purchase includes transaction costs. The available-for-sale investments are subsequently carried at fair value. Unrealised gains and losses arising from changes in the fair value of these investments are included in the fair value reserve in shareholders' equity in the period in which they arise. Realised gains and losses from the disposal of available-for-sale investments are included in the statement of operations in the period in which they arise.

The Group does not hold any investments held-to-maturity or for trading purposes.

**Foreign currency.** Monetary assets and liabilities, which are held by the Group entities and denominated in foreign currencies at the balance sheet date, are translated into Russian Roubles at the exchange rates prevailing at that date. Foreign currency transactions are accounted for at the exchange rates prevailing at the date of the transaction. Gains and losses resulting from the settlement of such transactions and from the translation of monetary assets and liabilities denominated in foreign currencies are recognised in the statement of operations.

The balance sheets of foreign subsidiaries are translated into Russian Roubles at the exchange rate prevailing at the reporting date. Statements of operations of foreign entities are translated at the average exchange rate for the year. Exchange differences arising on the translation of the net assets of foreign subsidiaries are recognised as translation differences and included in the translation reserve in equity.

At 30 June 2005, the official rate of exchange, as determined by the Central Bank of the Russian Federation, between the Russian Rouble and the US Dollar ("US\$") was RR 28.67: US\$ 1.00 (31 December 2004: RR 27.75: US\$ 1.00), between the Russian Rouble and Euro RR 34.52: Euro 1.00 (31 December 2004: RR 37.81: Euro 1.00). Exchange restrictions and currency controls exist relating to converting the Russian Rouble into other currencies. The Russian Rouble is not freely convertible in most countries outside the Russian Federation.

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

#### Note 4: Summary of significant accounting policies (continued)

**Property, plant and equipment.** Property, plant and equipment are stated at depreciated cost. Deemed cost was initially determined by a third party valuation at 31 December 1997 and restated for the impact of inflation until 31 December 2002. Adjustments are made for additions, disposals and depreciation charges. At each reporting date management assesses whether there is any indication of impairment of property, plant and equipment. If any such indication exists, management estimates the recoverable amount which is determined as the higher of an asset's fair value less costs to sell and its value in use. The carrying amount is reduced to the recoverable amount and the difference is recognised as an expense (impairment loss) in the statement of operations. An impairment loss recognised in prior years is reversed if there has been a change in the estimates used to determine an asset's recoverable amount.

The amounts determined by the third party valuation represent an estimate of depreciated replacement cost. The third party valuation was performed in order to determine a basis for cost, because the historical accounting records for property, plant and equipment were not readily available, in accordance with paragraph 16 of IAS 29. Therefore, this third party valuation is not a recurring feature since it was intended to determine the initial cost basis of property, plant and equipment and the Group has not adopted a policy of revaluation on subsequent measurement. The change in carrying value arising from this valuation was recorded directly to retained earnings.

Renewals and improvements are capitalised and the assets replaced are retired. The cost of repair and maintenance are expensed as incurred. Gains and losses arising from the retirement of property, plant and equipment are included in the statement of operations as incurred.

Depreciation on property, plant and equipment is calculated on a straight-line basis over the estimated useful life of the asset when it is available for use. For the property, plant and equipment which were subject to the third party valuation as at 31 December 1997, the depreciation rate applied is based on the estimated remaining useful lives as at the valuation date. The useful lives, in years, of assets by type of facility are as follows:

|                                 | Acquired prior to | Acquired subsequent to |
|---------------------------------|-------------------|------------------------|
| Type of facility                | 31 December 1997  | 31 December 1997       |
| Electricity and heat generation | 3 – 50            | 20 – 50                |
| Electricity transmission        | 14 - 19           | 25                     |
| Electricity distribution        | 3 - 40            | 25                     |
| Heating network                 | 3 - 43            | 20                     |
| Other                           | 8 - 24            | 10                     |

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.

Cash and cash equivalents. Cash comprises cash in hand and cash deposited on demand at banks. Cash equivalents comprise short-term high 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.

Mutual settlements, barter and non-cash settlements. A portion of sales and purchases is settled by mutual settlements, barter and non-cash settlements. These settlements are generally in the form of direct settlement by goods or services with the final customer, cancellation of mutual balances or through a chain of non-cash transactions involving several companies. Non-cash settlements which are expected to be settled within 12 months are recorded as other current assets. A majority of these include "veksels" or "bills of exchange" which are negotiable debt obligations. The receivables and payables recorded in the consolidated balance sheet, that are expected to be settled by mutual settlements, barter or non-cash settlements, reflect management's estimate of the fair value to be received or given up in non-cash settlements.

Non-cash transactions have been excluded from the cash flow statement, so investing activities, financing activities and the total of operating activities represent actual cash flows.

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005 (in millions of Russian Roubles)

#### Note 4: Summary of significant accounting policies (continued)

Accounts receivable and prepayments. Accounts receivable are recorded inclusive of value added taxes which are payable to tax authorities upon collection of such receivables. Trade and other receivables are adjusted for an allowance made for impairment of these receivables. Such an allowance for doubtful debtors is established if there is objective evidence that the Group will not be able to collect all amounts due according to the original terms of the receivables. The amount of the allowance is the difference between the carrying amount and the recoverable amount, being the present value of expected cash flows, discounted at the market rate of interest for similar borrowers at the date of origination of the receivables.

Value added tax on purchases and sales. Value added taxes related to sales is payable to tax authorities upon collection of receivables from customers. Input VAT is reclaimable against sales VAT upon payment for purchases. The tax authorities permit the settlement of VAT on a net basis. VAT related to sales and purchases which have not been settled at the balance sheet date (deferred VAT) is recognised in the balance sheet on a gross basis and disclosed separately as a current asset and liability. Where provision has been made for impairment of receivables, the impairment loss is recorded for the gross amount of the debtor's balance, including VAT. The related deferred VAT liability is maintained until the debtor is written off for tax purposes.

*Inventories.* Inventories are recorded at the lower of cost and net realisable value. Cost of inventory is determined on the weighted average basis. Net realisable value is the estimated selling price in the ordinary course of business, less selling expenses.

**Deferred profit taxes.** Deferred profit tax is provided using the balance sheet liability method for tax loss carry forwards and temporary differences arising between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes. In accordance with the initial recognition exemption, deferred taxes are not recorded for temporary differences on initial recognition of an asset or a liability in a transaction other than a business combination if the transaction, when initially recorded, affects neither accounting nor taxable profit. Deferred tax balances are measured at tax rates enacted or substantively enacted at the balance sheet date which are expected to apply to the period when the temporary differences will reverse or the tax loss carry forwards will be utilised. Deferred tax assets and liabilities are netted only within the individual companies of the Group. Deferred tax assets for deductible temporary differences and tax loss carry forwards are recorded only to the extent that it is probable that future taxable profit will be available against which the deductions can be utilised.

Deferred profit tax is not provided for the undistributed earnings of subsidiaries, as the Group requires profits to be reinvested, and only insignificant dividends are declared. Deferred profit tax is provided for the undistributed earnings of associated enterprises.

Accounts payable and accrued charges. Accounts payable are stated inclusive of value added tax. If accounts payable are restructured and the fair value of the restructured payable differs by more than ten percent from the original liability, then the fair value of the restructured payable is measured as the present value of the future cash flows discounted at the interest rate available to the Group at the date of the restructuring. The amount of the discount is credited to the statement of operations (finance costs - net) as a gain on restructuring, and the non-current portion of the discounted payable is reclassified to other non-current liabilities. The discount is amortised over the period of the restructuring as an interest expense.

**Debt.** Debt is recognised initially at its fair value. Fair value is determined using the prevailing market rate of interest for a similar instrument, if significantly different from the transaction price. In subsequent periods, debt is stated at amortised cost using the effective yield method; any difference between the fair value of the proceeds (net of transaction costs) and the redemption amount is recognised in the statement of operations as an interest expense over the period of the debt obligation. Prior to 2005, certain interest costs on borrowings used to finance the construction of property, plant and equipment were capitalized during the period of construction of those assets; all other borrowing costs were expensed. During 2005 the Group changed its accounting policy to the benchmark treatment prescribed by IAS 23 "Borrowing Costs" of recognizing all borrowing costs as an expense in the period in which they are incurred. Management believes that the new policy is preferable because it results in a more transparent treatment of finance costs. No adjustments were required to the financial statements or to any periods prior to those presented in order to implement the new policy.

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005

(in millions of Russian Roubles)

#### Note 4: Summary of significant accounting policies (continued)

*Minority interest.* Minority interest represents the minority shareholders' proportionate share of the equity and results of operations of the Group's subsidiaries. This has been calculated based upon the minority interests' ownership percentage of these subsidiaries. Specific rights on liquidation for preference shareholders of subsidiaries are included in the calculation of minority interests.

**Pension and post-employment benefits.** In the normal course of business the Group contributes to the Russian Federation state pension scheme on behalf of its employees. Mandatory contributions to the governmental pension scheme are expensed when incurred. Discretionary pensions and other post-employment benefits are included in wages, benefits and payroll taxes in the statement of operations, however, separate disclosures are not provided as these costs are not material.

**Share-based payment transactions.** The share option programme allows Group employees to acquire shares of the RAO UES. The fair value of the options is measured at grant date and spread over the period during which the employees become unconditionally entitled to the options. The fair value of the options is measured based on the Black-Scholes formula, taking into account the terms and conditions upon which the instruments were granted.

*Environmental liabilities.* Liabilities for environmental remediation are recorded where there is a present obligation, the payment is probable and reliable estimates exist.

**Revenue recognition**. Revenue is recognised on the delivery of electricity and heat and on the dispatch of non-utility goods and services during the period. Revenue amounts are presented exclusive of value added tax.

Revenue is based on the application of authorised tariffs for electricity and heat sales as approved by the RSTs.

**Earnings per share.** Preference shares are considered to be participating shares, as their dividend may not be less than that given with respect to ordinary shares. The earnings per share is determined by dividing the profit attributable to ordinary and preference shareholders by the weighted average number of ordinary and preference shares outstanding during the reporting period, excluding the average number of treasury shares held by the Group. Preference shares participate in losses.

*Treasury shares.* Treasury shares are stated at weighted average cost. Any gains or losses arising on the disposal of treasury shares are recorded directly in equity attributable to the shareholders of RAO UES.

**Seasonality.** Demand for electricity and heat is influenced by both the season of the year and the relative severity of the weather. Revenues from heating are concentrated within the months of October to March. A similar, though less severe, concentration of electricity sales occurs within the same period. The seasonality of electricity and heat production has a corresponding impact on the usage of fuel and the purchase of power.

Furthermore, during the periods of lower production from April to September, there is an increase in the expenditures on repairs and maintenance. This seasonality does not impact the revenue or cost recognition policies of the Group.

# Note 5: Principal subsidiaries

The following are the significant subsidiary enterprises which have been consolidated into the Financial Statements. All subsidiaries with the exception of foreign companies are incorporated and operate in the Russian Federation.

# Thermal power generating and hydro generating companies

| Name                                    | Ownership % | Voting % | Name                              | Ownership % | Voting % |
|---|-------------|----------|-----------------------------------|-------------|----------|
| Center                                  |             |          |                                   |             | ,,       |
| Astrakhanskaya regional generating      |             |          | Ryazanskaya GRES                  | 100.0       | 100.0    |
| company                                 | 48.7        | 48.7     | Ryazanskaya heat supply company   | 49.0        | 49.0     |
| Bryanskaya generating company           | 49.0        | 65.2     | Shekinskie PGU                    | 92.1        | 98.9     |
| Cherepetskaya GRES                      | 55.8        | 55.8     | Smolenskaya generating company    | 48.7        | 59.3     |
| Federal hydro generating company        | 100.0       | 100.0    | Smolenskaya GRES                  | 48.7        | 59.3     |
| GRES-24                                 | 50.9        | 50.9     | Tambovskaya generating company    | 49.0        | 52.1     |
| GRES-4                                  | 50.9        | 50.9     | Territorial generating company-2  | 100.0       | 100.0    |
| GRES-5                                  | 50.9        | 50.9     | Territorial generating company-3  | 100.0       | 100.0    |
| Ivanovskaya generating company          | 49.7        | 56.6     | Territorial generating company-4  | 100.0       | 100.0    |
| Ivanovskie PGU                          | 100.0       | 100.0    | Territorial generating company-6  | 100.0       | 100.0    |
| Kaluzhskaya generating company          | 52.3        | 52.3     | Territorial generating company-8  | 100.0       | 100.0    |
| Kaskad Verhnevolzhskih GES              | 100.0       | 100.0    | Tverskaya generating company      | 49.0        | 65.3     |
| Konakovskaya GRES                       | 51.4        | 51.4     | Vladimirskaya generating company  | 49.0        | 49.0     |
| Kostromskaya generating company         | 49.0        | 49.0     | Volzhskaya generating company     | 49.3        | 61.6     |
| Kostromskaya GRES                       | 51.0        | 51.0     | Volzhskaya GES                    | 83.3        | 86.4     |
| Kurskaya generating company             | 49.0        | 59.5     | Voronezhskaya generating company  | 49.0        | 65.4     |
| Lipetskaya generating company           | 49.0        | 49.0     | Wholesale generating company-2    | 100.0       | 100.0    |
| Mosenergo                               | 50.9        | 50.9     | Wholesale generating company-3    | 100.0       | 100.0    |
| Nizhegorodskaya generating              |             |          | Wholesale generating company-4    | 100.0       | 100.0    |
| company                                 | 49.0        | 62.3     | Wholesale generating company-5    | 100.0       | 100.0    |
| Nizhegorodskaya GRES                    | 99.2        | 99.2     | Wholesale generating company-6    | 100.0       | 100.0    |
| Novomoskovskaya GRES                    | 49.0        | 100.0    | Yaroslavskaya energy company      | 47.4        | 59.8     |
| Orlovskaya generating company           | 49.0        | 60.4     | Zagorskaya GAES                   | 50.9        | 50.9     |
| Priokskaya territory generating company | 49.0        | 49.0     |                                   |             |          |
| East                                    |             |          |                                   |             |          |
| Bureyskaya GES                          | 94.7        | 95.0     | Zeyskaya GES                      | 56.9        | 72.5     |
| Bureyskuya GES                          | 77.1        | 75.0     | Zeyskaya GES                      | 30.7        | 12.3     |
| North West                              |             |          |                                   |             |          |
| Arkhangelskaya generating company       |             | 59.1     | Pechorskaya GRES                  | 51.0        | 51.0     |
| Kaliningradskaya TETS                   | 86.9        | 86.9     | Pskovskaya GRES                   | 50.0        | 50.0     |
| Karelenergogeneraciya                   | 100.0       | 100.0    | North-West station                | 68.9        | 75.3     |
| Kirishskaya GRES                        | 100.0       | 100.0    | Territorial generating company-1  | 58.3        | 100.0    |
| Novgorodskaya generating company        | 49.0        | 62.9     |                                   |             |          |
| Siberia                                 |             |          |                                   |             |          |
| Berezovskaya GRES-1                     | 100.0       | 100.0    | Sayano-Shushenskaya GES           | 78.9        | 82.8     |
| Boguchanskaya GES                       | 64.2        | 64.2     | Territorial generating company-13 | 100.0       | 100.0    |
| Gusinoozerskaya GRES                    | 100.0       | 100.0    | Territorial generating company-14 | 100.0       | 100.0    |
| Kharanorskaya GRES                      | 100.0       | 100.0    | Tomskenergo                       | 52.0        | 59.9     |
| Krasnoyarskaya GRES-2                   | 100.0       | 100.0    |                                   | 22.0        | 57.7     |
| Norilsko-Taymyrskaya energy company     | 49.0        | 49.0     |                                   |             |          |

# Note 5: Principal subsidiaries (continued)

# Thermal power generating and hydro generating companies (continued)

| Name                                  | Ownership % | Voting % | Name                                    | Ownership % | Voting % |
|---------------------------------------|-------------|----------|---|-------------|----------|
| South                                 |             |          |   |             |          |
| Dagestanskaya heat generating company | 51.3        | 51.3     | Sochinskaya TETS                        | 100.0       | 100.0    |
| Eksperimentalnaya TETS                | 74.9        | 100.0    | Stavropolskaya GRES                     | 51.0        | 51.0     |
| Kabbalk GES                           | 80.5        | 98.0     | Stavropolskaya heat generating company  | 55.1        | 71.9     |
| Kuban GRES                            | 79.8        | 99.9     | Stavropolskaya power generating company | 100.0       | 100.0    |
| Nevinnomysskaya GRES                  | 100.0       | 100.0    | Zaramagskie GES                         | 91.1        | 92.6     |
| Novocherkasskaya GRES                 | 100.0       | 100.0    | Zelenchugskie GES                       | 100.0       | 100.0    |
| Rostovskaya generating company        | 48.4        | 62.8     |   |             |          |
| Ural                                  |             |          |   |             |          |
| Chelyabinskaya generating company     | 49.0        | 58.1     | Troitskaya GRES                         | 100.0       | 100.0    |
| Kamskaya GES                          | 100.0       | 100.0    | Udmurtskaya territorial generating      | 49.0        | 55.4     |
| Permskaya generating company          | 49.0        | 64.4     | company                                 | 49.0        | 33.4     |
| Permskaya GRES                        | 100.0       | 100.0    | Votkinskaya GES                         | 59.8        | 74.2     |
| Serovskaya GRES                       | 49.0        | 65.3     | Vyatskaya power heat company            | 48.2        | 64.0     |
| Sverdlovskaya generating company      | 100.0       | 100.0    | Wholesale generating company-1          | 100.0       | 100.0    |
| Territorial generating company-10     | 100.0       | 100.0    | Yayvinskaya GRES                        | 49.0        | 64.4     |
| Territorial generating company-9      | 100.0       | 100.0    | Yuzhnouralskaya GRES                    | 49.0        | 68.8     |
| Middle Volga                          |             |          |   |             |          |
| Cheboksarskaya GES                    | 100.0       | 100.0    | Mordovskaya generating company          | 53.1        | 53.1     |
| Chuvashskaya generating company       | 100.0       | 100.0    | Penzenskaya generating company          | 49.0        | 60.2     |
| Dzerzhinskaya TETS                    | 49.0        | 100.0    | Saratovskaya GES                        | 100.0       | 100.0    |
| Mariyskaya regional generating        | 64.4        | 70.1     | Territorial generating company-5        | 100.0       | 100.0    |
| company                               | 04.4        | /0.1     | Zhigulevskaya GES                       | 85.0        | 88.1     |

## Transmission companies

| Name                            | Ownership<br>% | Voting<br>% | Name                             | Ownership % | Voting % |
|---------------------------------|----------------|-------------|----------------------------------|-------------|----------|
| Belgorodskaya transmission grid | 49.0           | 65.3        | Kaluzhskaya transmission company | 52.3        | 52.3     |
| company                         | 47.0           | 05.5        | Transmission grid company        | 50.9        | 50.9     |
| Bryanskaya transmission company | 49.0           | 49.0        | (Mosenergo)                      | 30.7        | 30.7     |
| CDU                             | 100.0          | 100.0       | System operator-CDU UES          | 100.0       | 100.0    |
| FGC UES                         | 100.0          | 100.0       | Tomskie transmission grids       | 52.0        | 59.9     |

# Distribution companies

| Name                                    | Ownership % | Voting % | Name                                      | Ownership % | Voting % |
|---|-------------|----------|---|-------------|----------|
| Center                                  |             |          |   |             |          |
| Belgorodenergo                          | 49.0        | 65.3     | Moskovskaya city power grid               | 50.0        | 50.9     |
| Belgorodskaya power grid company        | 46.5        | 76.9     | company                                   | 50.9        | 30.9     |
| Center and North Caucasus               |             |          | Moskovskaya heat grid company             | 50.9        | 50.9     |
| Interregional distribution grid company | 100.0       | 100.0    | Moskovskaya oblastnaya power grid company | 50.9        | 50.9     |
| Kalugaenergo                            | 52.3        | 52.3     |   |             |          |

# Note 5: Principal subsidiaries (continued)

# Distribution companies (continued)

| Name   | Ownership % | Voting % | Name           | Ownership<br>% | Voting % |
|--|-------------|----------|----------------|----------------|----------|
| North West   |             |          |                |                |          |
| North West Interregional distribution grid company     | 100.0       | 100.0    | Novgorodenergo | 49.0           | 62.9     |
| Siberia  |             |          |                |                |          |
| Tomskaya distribution company                          | 52.0        | 59.9     |                |                |          |
| South  |             |          |                |                |          |
| Stavropolenergo  | 55.1        | 71.9     |                |                |          |
| Ural   |             |          |                |                |          |
| Ural and Volga Interregional distribution grid company | 100.0       | 100.0    |                |                |          |
| Middle Volga   |             |          |                |                |          |
| Mordovskaya heat grid company                          | 53.1        | 53.1     |                |                |          |

# Retailing companies

| Name                              | Ownership | Voting | Name                                 | Ownership    | Voting |
|-----------------------------------|-----------|--------|--------------------------------------|--------------|--------|
| Name                              | %         | %      | Name                                 | %            | %      |
| Center                            |           |        |                                      |              |        |
| Astrakhanskaya energy retail      |           |        | Orlovskaya retail company            | 49.0         | 60.4   |
| 2 62                              | 48.7      | 48.7   |                                      | 49.0<br>49.0 | 49.0   |
| company                           | 40.0      | 65.3   | Ryazanskaya energy retail company    | 49.0         | 60.5   |
| Belgorodskaya retail company      | 49.0      |        | Smolenskenergosbyt                   |              |        |
| Bryanskaya retail company         | 49.0      | 65.2   | Tambovskaya energy retail company    | 49.0         | 56.0   |
| Ivanovskaya energy retail company | 49.7      | 56.6   | Tulskaya retail company              | 49.0         | 49.0   |
| Kaluzhskaya retail company        | 52.3      | 52.3   | Tverskaya energy retail company      | 49.0         | 65.3   |
| Kostromskaya retail company       | 49.0      | 65.3   | Vladimirskaya energy retail company  | 49.0         | 49.0   |
| Kurskenergosbyt                   | 49.0      | 59.4   | Volgogradenergosbyt                  | 49.3         | 61.6   |
| Lipetskaya energy retail company  | 49.0      | 49.0   | Voronezhskaya energy retail          | 49.0         | 65.4   |
| Mosenergosbyt                     | 50.9      | 50.9   | company                              | 49.0         | 03.4   |
| Nizhegorodskaya retail company    | 49.0      | 100.0  | Yaroslavskaya retail company         | 47.8         | 60.3   |
| North West                        |           |        |                                      |              |        |
| Arkhangelskaya retail company     | 49.0      | 59.1   | Name and Jalance and annual material |              |        |
|                                   |           |        | Novgorodskaya energy retail          | 49.0         | 62.9   |
| Karelskaya energy retail company  | 100.0     | 100.0  | company                              |              |        |
| Siberia                           | 52.0      | 50.0   |                                      |              |        |
| Tomskaya energy retail company    | 52.0      | 59.9   |                                      |              |        |
| South                             |           |        |                                      |              |        |
| Energosbyt Rostovenergo           | 48.4      | 62.8   | Stavropolenergosbyt                  | 55.1         | 71.9   |
|                                   |           |        | 1 0 7                                |              |        |
| Ural                              |           |        |                                      |              |        |
| Chelyabenergosbyt                 | 49.0      | 58.1   | Permskaya energy retail company      | 49.0         | 64.4   |
| Ekaterinburgskaya power grid      | 44.6      | 91.0   | Sverdlovenergosbyt                   | 49.0         | 65.3   |
| company                           | 44.6      | 91.0   | Udmurtskaya energy retail company    | 49.0         | 49.0   |
| Kirovenergosbyt                   | 48.2      | 64.0   |                                      |              |        |
|                                   |           |        |                                      |              |        |

**Note 5: Principal subsidiaries (continued)** 

# Retailing companies (continued)

| Name                               | Ownership | Voting | Name                              | Ownership | Voting |
|------------------------------------|-----------|--------|-----------------------------------|-----------|--------|
|                                    | %         | %      | rvanie                            | %         | %      |
|                                    |           |        |                                   |           |        |
| Middle Volga                       |           |        |                                   |           |        |
| Chuvashskaya energy retail company | 100.0     | 100.0  | Mordovskaya energy retail company | 53.1      | 53.1   |
| Marienergosbyt                     | 64.4      | 70.1   | Penzenskaya energy retail company | 49.0      | 60.2   |

# Energo companies

| Name                       | Ownership % | Voting % | Name            | Ownership % | Voting % |
|----------------------------|-------------|----------|-----------------|-------------|----------|
|                            | /0          | /0       |                 | /0          | /0       |
| Center                     |             |          |                 |             |          |
| Astrakhanenergo            | 48.7        | 48.7     | Smolenskenergo  | 49.9        | 49.9     |
| Bryanskenergo              | 49.0        | 49.0     | Tambovenergo    | 49.0        | 56.0     |
| Ivenergo                   | 49.7        | 56.6     | Tulenergo       | 49.0        | 49.0     |
| Kostromaenergo             | 49.0        | 65.3     | Tverenergo      | 49.0        | 65.3     |
| Kurskenergo                | 49.0        | 59.5     | Vladimirenergo  | 49.0        | 49.0     |
| Lipetskenergo              | 49.0        | 49.0     | Volgogradenergo | 49.3        | 49.3     |
| Nizhnovenergo              | 49.0        | 62.3     | Vologdaenergo   | 49.0        | 49.0     |
| Orelenergo                 | 49.0        | 60.4     | Voronezhenergo  | 49.0        | 65.4     |
| Ryazanenergo               | 49.0        | 49.0     | Yarenergo       | 47.8        | 60.3     |
| East                       |             |          |                 |             |          |
| Amurenergo                 | 50.6        | 57.8     | LuTEK           | 56.3        | 56.3     |
| Dalenergo                  | 49.0        | 65.3     | Magadanenergo   | 49.0        | 64.4     |
| Kamchatskenergo            | 49.0        | 49.0     | Sakhaenergo     | 47.9        | 100.0    |
| Khabarovskenergo           | 48.5        | 60.2     | Sakhalinenergo  | 49.0        | 49.0     |
| Kolymaenergo               | 83.7        | 83.7     | Yakutskenergo   | 47.9        | 56.3     |
| North West                 |             |          |                 |             |          |
| Arkhenergo                 | 49.0        | 59.1     | Lenenergo       | 54.0        | 57.4     |
| Karelenergo                | 100.0       | 100.0    | Pskovenergo     | 49.0        | 49.0     |
| Kolenergo                  | 49.3        | 65.5     | Yantarenergo    | 100.0       | 100.0    |
| Komienergo                 | 50.1        | 50.3     | i antarchergo   | 100.0       | 100.0    |
| Cili.                      |             |          |                 |             |          |
| Siberia                    | 54.7        | 72.2     | Vl              | 49.0        | 49.0     |
| Altayenergo                | 46.8        | 46.8     | Kuzbassenergo   | 49.0        | 60.4     |
| Buryatenergo               |             |          | Omskenergo      | 100.0       | 100.0    |
| Chitaenergo                | 49.0        | 49.0     | Taymyrenergo    |             |          |
| Khakasenergo               | 100.0       | 100.0    | Tyvaenergo      | 51.2        | 99.0     |
| Krasnoyarskenergo          | 51.8        | 66.3     |                 |             |          |
| South                      |             |          |                 |             |          |
| Dagenergo                  | 51.3        | 51.3     | Nurenergo       | 100.0       | 100.0    |
| Kabbalkenergo              | 65.3        | 65.3     | Rostovenergo    | 48.4        | 62.8     |
| Kalmenergo                 | 96.4        | 96.4     | Sevkavkazenergo | 49.0        | 49.0     |
| Karachaevo-Cherkesskenergo | 100.0       | 100.0    | Sulakenergo     | 99.2        | 99.1     |
| Kubanenergo                | 49.0        | 49.0     |                 |             |          |
| Ural                       |             |          |                 |             |          |
| Chelyabenergo              | 49.0        | 58.1     | Sverdlovenergo  | 49.0        | 65.3     |
| Kirovenergo                | 48.2        | 64.0     | Tyumenenergo    | 100.0       | 100.0    |
| Orenburgenergo             | 100.0       | 100.0    | Udmurtenergo    | 49.0        | 55.4     |
| Permenergo                 | 49.0        | 49.0     |                 |             |          |

## **Note 5: Principal subsidiaries (continued)**

#### Energo companies (continued)

| Name          | Ownership | Voting<br>Name |                 | Ownership | Voting |
|---------------|-----------|----------------|-----------------|-----------|--------|
| Middle Volga  | %         | %              |                 | %         | %      |
| Chuvashenergo | 100.0     | 100.0          | Samaraenergo    | 48.3      | 48.3   |
| Marienergo    | 64.4      | 70.1           | Saratovenergo   | 49.0      | 64.0   |
| Mordovenergo  | 53.1      | 53.1           | Ulyanovskenergo | 49.0      | 49.0   |
| Penzaenergo   | 49.0      | 49.0           |                 |           |        |

#### Others

| Name                              | Ownership | Voting | Name                   | Ownership | Voting |
|-----------------------------------|-----------|--------|------------------------|-----------|--------|
| Name                              | %         | %      | Name                   | %         | %      |
| Centre of settlement optimisation | 100.0     | 100.0  | Engineering centre UES | 100.0     | 100.0  |
| UES                               | 100.0     | 100.0  | Inter RAO UES          | 60.0      | 60.0   |
| Energy centre                     | 75.0      | 75.0   | Media-Holding REN TV   | 70.0      | 70.0   |

#### Foreign companies

| Name                               | Ownership, % | Voting, %     | Country                |
|------------------------------------|--------------|---------------|------------------------|
| RAO Nordic Oy                      | 60.0         | 100.0         | Finland                |
| Interenergo B. V.                  | 40.2         | 67.0          | Netherlands            |
| MEK                                | 54.0         | 100.0         | Armenia                |
| Silk Road Holdings B.V.            | 60.0         | 100.0         | Netherlands            |
| Gardabani Holdings B.V.            | 60.0         | 100.0         | Netherlands            |
| ES Georgia Holdings B.V.<br>Telasi | 60.0<br>45.0 | 100.0<br>75.0 | Netherlands<br>Georgia |
| Mtkvari                            | 60.0         | 100.0         | Georgia                |
| Sangutdinskaya GES-1               | 75.0         | 75.0          | Tajikistan             |

The Group also controls Centre for Assistance in Restructuring the Electricity Sector, a non-commercial partnership.

Differences between ownership interest and voting interest normally represent the effect of preference shares. Primarily RAO UES does not hold any preference shares of its subsidiaries. Such preference shares do not have any voting rights, unless dividends have not been declared fully at the Annual shareholders' meeting.

Changes in the list of principal subsidiaries during the six months ended 30 June 2005, mainly resulted from Group restructuring as described in Note 1.

In March 2005, RAO Nordic Oy, a Group entity, acquired 51 percent of the shares of ZAO Moldavskaya GRES (Republic of Moldova, Pridnestrovski region). The total consideration paid in cash was RR 1,400 million (US\$ 50 million). The acquired subsidiary contributed revenue of RR 593 million and net loss of RR 82 million to the Group for the period from the date of acquisition to 30 June 2005. If the acquisition had occurred on 1 January 2005, Group revenue would have been RR 391,703 million, and profit before allocation would have been RR 10,777 million.

## Note 5: Principal subsidiaries (continued)

The provisional fair value of assets and liabilities arising from the acquisition are as follows: Property, plant and equipment 2,403 Other non-current assets 1,543 Accounts receivable and prepayments 238 Inventories 416 Cash and cash equivalents 19 Non-current debt (962)Current debt and current portion of non-current debt (57)Accounts payable and accrued charges (560)Fair value of net assets acquired 3,040 Less: Minority interest (2,110)Fair value of acquired interest in net assets of entity 930 Goodwill arising from the acquisition 470 Total purchase consideration 1,400 Less: cash and cash equivalents in entity acquired (19)Cash outflow on the acquisition

In June 2005, Interenergo B.V., a Group entity, obtained control over 100 percent of the shares of ZAO Electricheskie Seti Armenii (Republic of Armenia). The total consideration paid in cash was RR 2,089 million (US\$ 73 million). If the acquisition had occurred on 1 January 2005, Group revenue would have been RR 393,419 million, and profit before allocation would have been RR 10,814 million.

1,381

The provisional fair value of assets and liabilities arising from the acquisition are as follows:

| Property, plant and equipment                           | 4,163   |
|---|---------|
| Other non-current assets                                | 17      |
| Accounts receivable and prepayments                     | 614     |
| Other current assets                                    | 28      |
| Inventories   | 143     |
| Cash and cash equivalents                               | 5       |
| Non-current debt  | (45)    |
| Current debt and current portion of non-current debt    | (249)   |
| Accounts payable and accrued charges                    | (563)   |
| Fair value of net assets acquired                       | 4,113   |
| Less: Minority interest                                 | (2,460) |
| Fair value of acquired interest in net assets of entity | 1,653   |
| Goodwill arising from the acquisition                   | 436     |
| Total purchase consideration                            | 2,089   |
| Less: cash and cash equivalents in entity acquired      | (5)     |
| Cash outflow on the acquisition                         | 2,084   |

Goodwill arising on both acquisitions is attributable to the expected synergies and is included within Other noncurrent assets (see Note 10). Neither ZAO Moldavskaya GRES nor ZAO Electricheskie Seti Armenii prepared any IFRS financial statements prior to the acquisition. Therefore it was impracticable to disclose the carrying amounts of acquiree's assets and liabilities determined in accordance with IFRS, immediately before the acquisition.

#### **Note 6: Segment information**

During the six months ended 30 June 2005 the Group underwent significant restructuring, which affected identification of its primary reporting segments. It is not practicable to restate the comparative segment information for the previous period due to the nature of the accounting records maintained by the Group in relation to the newly established entities that formed subdivisions prior to restructuring. The primary reporting segments for the current period are presented on the previous and the new basis of the segment identification.

A significant portion of the restructuring occurred on 1 April 2005. As there is no management report available on the new basis for the period before the restructuring, the significant income and expenses for that period were allocated on actual basis with the exception of the wages, repair and maintenance, taxes other than income tax and other expenses. These expenses were extrapolated using the actual expenses for the period from restructuring to the end of the interim period in the view that the operations remain similar in size and nature throughout the interim period.

*Primary reporting segments on the previous basis.* The Group was organised into four main business segments:

- "Hydro and thermal generating stations segment" consisted of entities that produced and sold electricity to energos through FOREM, at tariffs set by the FST;
- "Transmission segment" this segment principally comprised RAO UES, FGC and SO-CDU, which maintained and operated the high voltage electricity transmission grid and performed electricity dispatch functions. Transmission fees are set by the FST;
- "Energos segment" consisted of regional electricity and heat generation and distribution. The majority of electricity generated by energos was sold within the regions in which the energo operates at tariffs set by RSTs. Certain energos had surplus generation and sold electricity via FOREM. Tariffs in FOREM are set by FST;
- "Unallocated" consisted of numerous insignificant segments including construction, export sales and foreign companies of the Group.

**Primary reporting segments on the new basis.** In the frame of restructuring, the Group is organised into six main business segments:

- "Generation segment" consists of companies responsible for electricity and heat generation. Heat is sold within the regions in which the companies operate at tariffs set by RSTs. Electricity is sold within the regions and through FOREM based on tariffs set by RSTs and FST. The majority of electricity sales are within the Group. In prior periods the segment information was included into the "Energos segment" and "Hydro and thermal generating stations segment";
- "Transmission segment" this segment principally comprises RAO UES, FGC and SO-CDU, which maintain and operate the high voltage electricity transmission grid and perform electricity dispatch functions. Transmission fees are set by the FST;
- "Distribution segment" consists of companies, which are responsible for the delivery of electricity through the low voltage distribution grids at tariffs set by RSTs. The majority of the distribution fees is charged by the distribution segment to the retail segment. In prior periods the segment information was included into the "Energos segment";
- "Retailing segment" consists of companies, which responsible for sale of electricity to the customers at tariffs set by RSTs. In prior periods the segment information was included into the "Energos segment". The cost of sales of the retailing segment includes power purchased from the generation segment, the transmission fees charged by the transmission segment (where applicable) and the distribution fees charged by the distribution segment;
- "Energos segment" consists of companies, which have not begun or are in the process of restructuring and responsible for the generation, distribution and sale of heat and electricity. In future periods, in the process of restructuring, size of this segment will be reducing in favour of other segments. Energos which have completed their restructuring process and performed only one type of activity during the six months ended 30 June 2005, have been included in the respective segments;
- "Unallocated" consists of numerous insignificant segments including construction, repair, export sales and foreign companies of the Group.

**Note 6: Segment information (continued)** 

New basis

Six months ended 30 June 2005

|   | Generation | Transmission | Distribution | Retailing | Energos | Unallocated | Consolidation<br>adjustments | Total              |
|---|------------|--------------|--------------|-----------|---------|-------------|------------------------------|--------------------|
| Third parties   | 70,685     | 2,973        | 2,206        | 132,622   | 168,107 | 14,517      | -                            | 391,110            |
| Inter-segment   | 87,447     | 28,823       | 15,366       | 17,490    | 19,724  | 7,175       | (176,025)                    |                    |
| Total revenues  | 158,132    | 31,796       | 17,572       | 150,112   | 187,831 | 21,692      | (176,025)                    | 391,110            |
| Segment operating profit/(loss)   | 11,045     | 17,367       | 3,302        | (730)     | 8,898   | 1,918       | (422)                        | 41,378             |
| Finance costs - net<br>Share of loss of<br>associates                         | -          | -            | -            | -         | (58)    | -           | -                            | (8,131)<br>(58)    |
| Profit before profit<br>tax<br>Total profit tax<br>charge                     |            |              |              |           |         |             |                              | 33,189<br>(16,813) |
| Profit for the period   |            |              |              |           |         |             |                              | 16,376             |
| Capital expenditures  | 17,704     | 8,355        | 3,482        | 356       | 15,060  | 2,280       | -                            | 47,237             |
| Depreciation<br>(including<br>property, plant<br>and equipment<br>impairment) | 11,325     | 5,036        | 2,771        | 176       | 13,549  | 682         | -                            | 33,539             |
| Doubtful debtors<br>expense / (reversal<br>of expense)                        | 1,897      | 254          | (44)         | 2,140     | 2,337   | (568)       | -                            | 6,016              |

# **Note 6: Segment information (continued)**

# Previous basis

Six months ended 30 June 2005

|   | Hydro and<br>thermal<br>generating<br>stations | Transmission | Energos | Unallocated | Consolidation<br>adjustments | Total              |
|---|--|--------------|---------|-------------|------------------------------|--------------------|
| Third parties   | 12,963   | 3,325        | 362,037 | 12,785      | _                            | 391,110            |
| Inter-segment   | 31,037   | 28,400       | 7,371   | 4,397       | (71,205)                     | -                  |
| Total revenues  | 44,000   | 31,725       | 369,408 | 17,182      | (71,205)                     | 391,110            |
| Segment operating profit/(loss)                                   | 3,435  | 17,759       | 19,680  | 766         | (262)                        | 41,378             |
| Finance costs – net<br>Share of loss of<br>associates             | -  | -            | (58)    | -           | -                            | (8,131)<br>(58)    |
| Profit before profit tax Total profit tax charge                  |  |              |         |             |                              | 33,189<br>(16,813) |
| Profit for the period   |  |              |         |             |                              | 16,376             |
| Capital expenditures  | 13,185   | 8,352        | 23,129  | 2,571       | -                            | 47,237             |
| Depreciation (including property, plant and equipment impairment) | 4,460  | 4,709        | 23,590  | 780         | -                            | 33,539             |
| Doubtful debtors expense / (reversal of expense)                  | 51   | 254          | 6,287   | (576)       | -                            | 6,016              |

**Note 6: Segment information (continued)** 

# Six months ended 30 June 2004

|  |            | Hydro and<br>thermal<br>generating<br>stations | Transmission | Energos   |                | Unallocated | Consolidation<br>adjustments | Total              |
|--|------------|--|--------------|-----------|----------------|-------------|------------------------------|--------------------|
| Third parties  |            | 11,044   | 2,376        | 318       | ,012           | 11,296      | -                            | 342,728            |
| Inter-segment  |            | 25,309   | 25,319       | 7         | ,293           | 6,461       | (64,382)                     | -                  |
| <b>Total revenues</b>                                      |            | 36,353   | 27,695       | 325       | ,305           | 17,757      | (64,382)                     | 342,728            |
| Segment operat   | ing        | 4,542  | 15,908       | 25        | ,389           | (3,992)     | -                            | 41,847             |
| Finance costs – n<br>Share of loss of                      | iet        |  |              |           |                |             |                              | (5,697)            |
| associates   |            | -  | -            | (         | 164)           | -           | -                            | (164)              |
| Profit before profit tax c                                 |            |  |              |           |                |             |                              | 35,986<br>(13,782) |
| Profit for the pe  | riod       |  |              |           |                |             |                              | 22,204             |
| Capital expenditu  | ıres       | 7,587  | 6,492        | 17        | ,980           | 1,397       | -                            | 33,456             |
| Depreciation (inc<br>property, plant ar<br>equipment impai | nd         | 3,199  | 4,240        | 22        | ,357           | 3,778       | -                            | 33,574             |
| Doubtful debtors   | expense    | 417  | 2            | 1         | ,832           | 1,198       | -                            | 3,449              |
| New basis  |            |  |              |           |                |             |                              |                    |
| As at 30 June 20   | 005        |  |              |           |                |             |                              |                    |
|  | Generation | Transmission                                   | Distribution | Retailimg | Energos        | Unallocated | Consolidation<br>adjustments | Total              |
| Segment assets<br>Associates                               | 371,433    | 164,057  | 72,971       | 24,067    | 488,786<br>972 | 60,051      | -                            | 1,181,365<br>972   |
| Total assets   | 371,433    | 164,057  | 72,971       | 24,067    | 489,758        | 60,051      | -                            | 1,182,337          |
| Segment liabilities  | 89,766     | 18,289   | 13,377       | 15,936    | 150,729        | 29,714      | -                            | 317,811            |
| Total<br>liabilities                                       | 89,766     | 18,289   | 13,377       | 15,936    | 150,729        | 29,714      | -                            | 317,811            |

# **Note 6: Segment information (continued)**

Previous basis

As at 30 June 2005

|                          | Hydro and thermal generating stations | Transmission | Energos | Unallocated companies | Consolidation<br>adjustments | Total     |
|--------------------------|---------------------------------------|--------------|---------|-----------------------|------------------------------|-----------|
| Segment assets           | 181,663                               | 158,929      | 767,419 | 73,354                | _                            | 1,181,365 |
| Associates               |                                       | , <u>-</u>   | 972     | , <u>-</u>            | _                            | 972       |
| Total assets             | 181,663                               | 158,929      | 768,391 | 73,354                | -                            | 1,182,337 |
|                          |                                       |              |         |                       |                              |           |
| Segment liabilities      | 41,825                                | 17,429       | 228,783 | 29,774                | -                            | 317,811   |
| <b>Total liabilities</b> | 41,825                                | 17,429       | 228,783 | 29,774                | -                            | 317,811   |

# As at 31 December 2004

|                     | Hydro and<br>thermal<br>generating<br>stations | Transmission | Energos | Unallocated | Consolidation<br>adjustments | Total     |
|---------------------|--|--------------|---------|-------------|------------------------------|-----------|
| Segment assets      | 163,787  | 153,095      | 736,411 | 72,675      | -                            | 1,125,968 |
| Associates          | -  | -            | 1,030   | -           | -                            | 1,030     |
| Total assets        | 163,787  | 153,095      | 737,441 | 72,675      | -                            | 1,126,998 |
| Segment liabilities | 42,039   | 19,072       | 200,402 | 24,201      | -                            | 285,714   |
| Total liabilities   | 42,039   | 19,072       | 200,402 | 24,201      | _                            | 285,714   |

#### **Note 6: Segment information (continued)**

Secondary reporting segments - geographical segments. The Group operates in seven geographical areas within the Russian Federation. These geographical areas correspond to the regions established for the purpose of system operation. Group entities have been aggregated within these geographical areas based on the area where their assets are located, with the exception of the Transmission segment. The transmission grid, owned by RAO UES and FGC, is located throughout the territory of the Russian Federation, but is recorded in the books of these enterprises without details of geographic location. Accordingly, it is not practicable to split these assets on a geographical basis. The newly restructured Energos related to the transmission segment are split by geographical regions. The Group's assets generate revenues primarily within the geographical region where they are located.

|               | Reve                                | nue To                              |                          | assets                       | Capital exp                         | oenditures                          |
|---------------|-------------------------------------|-------------------------------------|--------------------------|------------------------------|-------------------------------------|-------------------------------------|
|               | Six months<br>ended 30<br>June 2005 | Six months<br>ended 30<br>June 2004 | As at<br>30 June<br>2005 | As at<br>31 December<br>2004 | Six months<br>ended 30<br>June 2005 | Six months<br>ended 30<br>June 2004 |
| Transmission  |                                     |                                     |                          |                              |                                     |                                     |
| Segment       | 31,725                              | 27,695                              | 161,674                  | 153,095                      | 8,352                               | 6,492                               |
| Centre        | 132,002                             | 108,881                             | 414,844                  | 402,814                      | 8,546                               | 6,585                               |
| North-West    | 43,302                              | 39,267                              | 111,539                  | 95,604                       | 8,190                               | 4,205                               |
| Ural          | 83,931                              | 76,475                              | 189,753                  | 182,473                      | 5,148                               | 3,030                               |
| Siberia       | 45,687                              | 41,324                              | 134,186                  | 129,237                      | 4,662                               | 3,385                               |
| Volga         | 33,804                              | 28,465                              | 64,664                   | 60,693                       | 2,622                               | 1,232                               |
| Far-East      | 31,471                              | 28,522                              | 125,958                  | 113,783                      | 4,668                               | 3,873                               |
| South         | 27,303                              | 24,260                              | 72,711                   | 70,274                       | 3,039                               | 3,498                               |
|               | 429,225                             | 374,889                             | 1,275,329                | 1,207,973                    | 45,227                              | 32,300                              |
| Unallocated   |                                     |                                     |                          |                              |                                     |                                     |
| assets        | 16,532                              | 15,726                              | 348,916                  | 267,630                      | 2,010                               | 1,156                               |
| Consolidation |                                     |                                     |                          |                              |                                     |                                     |
| adjustments   | (54,647)                            | (47,887)                            | (441,908)                | (348,605)                    | -                                   |                                     |
| Total         | 391,110                             | 342,728                             | 1,182,337                | 1,126,998                    | 47,237                              | 33,456                              |

#### **Note 7: Related parties**

**Associates.** The following transactions were carried out with associates; the majority of which are based on tariffs set by FST and RSTs:

|                                  | Six months ended<br>30 June 2005 | Six months ended 30 June 2004 |
|----------------------------------|----------------------------------|-------------------------------|
|                                  |                                  |                               |
| Electricity and heating revenues | 2,047                            | 1,865                         |

For outstanding balance of associates please refer Note 12.

In 2004, the Group issued a loan to an associate of the Group, OAO Rossiskiye kommunalniye sistemy (RKS), for the amount of RR 493 million bearing interest of 13 percent per annum. The loan is to be repaid in 2006. As of 30 June 2005 the outstanding recoverable balance of RR 493 million is included within other current assets.

**State-controlled entities.** In the normal course of business the Group enters into transactions with other entities under Government control. Prices for natural gas, electricity and heat are based on tariffs set by FST and RST. Bank loans are provided on the basis of market rates. Taxes are accrued and settled in accordance with Russian tax legislation.

#### **Note 7: Related parties (continued)**

The Group had the following significant transactions and balances with state-controlled entities:

|                                      | Six months ended<br>30 June 2005 | Six months ended<br>30 June 2004 |
|--------------------------------------|----------------------------------|----------------------------------|
| Electricity and heating revenues     | 135,942                          | 117,326                          |
| Fuel expenses                        | 65,950                           | 56,352                           |
| Purchased power expenses             | 33,985                           | 30,428                           |
| Interest expense                     | 987                              | 642                              |
|                                      | 30 June 2005                     | 31 December 2004                 |
| Accounts receivable and prepayments  | 40,500                           | 41,589                           |
| Accounts payable and accrued charges | 21,819                           | 22,349                           |
| Non-current and current debt         | 31,549                           | 34,580                           |

Tax balances are disclosed in Notes 12 and 20. Tax transactions are disclosed in the statement of operations.

During the six months ended 30 June 2005 the Federal government of the Russian Federation and regional governments gave financial assistance to RAO UES Group entities equal to RR 1,664 million (six months ended 30 June 2004: RR 2,266 million). The assistance in respect of these periods has been recorded as electricity revenue in the statement of operations.

**Directors' compensation.** Compensation is paid to members of the Management Board of RAO UES for their services in full time management positions. The compensation is made up of a contractual salary, non-cash benefits, and a performance bonus depending on results for the period according to Russian statutory financial statements. The compensation is approved by the Board of Directors. Discretionary bonuses are also payable to members of the Management Board, which are approved by the Chairman of the Managing Board according to his perception of the value of their contribution.

Fees, compensation or allowances to the members of the Board of Directors for their services in that capacity and for attending Board meetings are paid depending on results for the year. Under the Russian legislation, fees, compensation or allowances to the members of the Board of Directors, being government employees, are paid to the state.

Key management received the following remuneration during the six months 2005 and 2004:

|                      | Six months ended<br>30 June 2005 | Six months ended<br>30 June 2004 |
|----------------------|----------------------------------|----------------------------------|
| Salaries and bonuses | 130                              | 329                              |
| Severance benefits   | 17                               | _                                |
| Other                | 21                               | 20                               |
| Total                | 168                              | 349                              |

*Employee share option plan.* In June 2004, the Board of Directors approved a Share Option Plan for the employees of RAO UES (hereinafter – the Plan).

The Plan provides for the granting of share options to the members of the Management Board and other key employees of RAO UES (hereinafter – the Plan participants).

The Plan participants shall be rewarded for their work in RAO UES over the period of 3 years, starting from 25 June 2004.

In February 2005, the Board of Directors of RAO UES approved a number of changes relating to the list of Plan participants and to the number of shares allocated under the Plan. Key employees from certain Group entities were included into the list.

#### **Note 7: Related parties (continued)**

A total of up to 418,657,600 ordinary shares (or about one per cent of the issued ordinary shares of RAO UES) may be allocated under the Plan. 213,671,372 shares are allocated for granting share options to the members of the Management Board, the remainder to the other key employees of RAO UES.

Ordinary shares ultimately allocated under the Plan are allocated from treasury shares purchased by the Group for that purpose on the open market by a special-purpose entity, which is controlled by the Group. The treasury shares held for the purpose of the Plan will have no voting rights, unless otherwise decided by the Board of Directors.

In the event that the restructuring of RAO UES is completed prior to the exercise date of the share options, the Plan participants will be entitled to purchase successor shares or other securities, distributed among the RAO UES shareholders.

The number of shares which the Plan participants may purchase as part of implementation of the Plan, in the event that the Plan participant has terminated their employment with the Group entity before 25 June 2007, will be calculated proportionally based on the number of days worked prior to terminating the employment. In case of breaching certain defined provisions of the labour agreement and termination of employment at the initiative of the Group entity, the Plan participants will lose their right to purchase the shares.

The exercise price of the share option is USD 0.2934 per share, which is the weighted average price of the shares of RAO UES on RTS over the period of 25 June 2003 through 24 June 2004. For Plan participants who joined Group entities after 25 June 2004, the exercise price of the share option is the weighted average price of the shares of RAO UES on RTS one year before the date of the labour agreement. In addition to the exercise price, the Plan participants, who exercise their options, must reimburse part of the interest expenses paid on borrowings, which can be attracted for the purpose of purchases of the shares.

One of the vesting terms of the share options is prepayment by the members of the Management Board (in the amount of 10 percent of the share option agreement) and by other key employees (in the amount of 0.2 percent of the share option agreement). In the event that realization of the share option lapses, the prepayment will be returned to the Plan participant in full.

The Plan participant can exercise the share option at any time over the period of 25 June 2007 through 25 January 2008.

In 2004, the Group issued to the members of the Management Board non-interest bearing loans, which should be used by individuals to make prepayments under the share option agreements. The loans are issued for a period of 5 years. As of 30 June 2005 the amount of loans issued to employees accounted for RR 155 million.

At 30 June 2005, in the course of the Plan implementation the Group purchased 418,657,600 treasury shares. Their purchase cost was RR 3,571 million (see Note 14).

As at 31 December 2004, the number of outstanding share options was 365,365,878. The Group granted 16,070,707 options during the six months of 2005. As at 30 June 2005, 381,436,585 options were outstanding.

The fair value of services received in return for share options granted to employees is measured by reference to the fair value of share options granted. The estimate of the fair value of the services received is measured based on Black-Scholes model.

| Fair value of option at measurement date | 0.0690 USD |
|--|------------|
| Risk-free interest rate                  | 3.16%      |
| Option life                              | 1,095 days |
| Expected volatility                      | 31.00%     |
| Exercise price                           | 0.2934 USD |
| Share price                              | 0.2770 USD |

#### **Note 7: Related parties (continued)**

The measure of volatility used in option pricing model is the annualised standard deviation of the continuously compounded rates of return on the share over a period of time. To determine volatility we used the historical volatility of the share price over the most recent period (one year before grant date). The range of exercise prices for share options outstanding as at 30 June 2005 lies between USD 0.2827 per share and USD 0.2934 per share.

During the six months ended 30 June 2005, the Group recognised an expense of RR 164 million related to the fair value of the option.

Note 8: Property, plant and equipment

## Appraised value or cost

|                                   | Electricity<br>and heat<br>generation | Electricity<br>transmis-<br>sion | Electricity<br>distribu-<br>tion | Heating networks | Construc-<br>tion in<br>progress | Other     | Total        |
|-----------------------------------|---------------------------------------|----------------------------------|----------------------------------|------------------|----------------------------------|-----------|--------------|
| Opening balance                   |                                       |                                  |                                  |                  |                                  |           |              |
| as at 31 December                 |                                       |                                  | <b></b> 0 101                    | 125-10           | 101.066                          |           |              |
| 2004                              | 767,904                               | 267,760                          | 720,491                          | 135,748          | 191,866                          | 251,749   | 2,335,518    |
| Additions through acquisition of  |                                       |                                  |                                  |                  |                                  |           |              |
| subsidiaries                      | 2,253                                 | -                                | 4,210                            | -                | 103                              | -         | 6,566        |
| Additions                         | 1,581                                 | 673                              | 213                              | 493              | 41,289                           | 2,988     | 47,237       |
| Transfers                         | 8,729                                 | 1,697                            | 5,077                            | 1,279            | (19,165)                         | 2,383     | -            |
| Disposals                         | (1,709)                               | (86)                             | (1,732)                          | (278)            | (3,890)                          | (2,654)   | (10,349)     |
| Closing balance as                |                                       |                                  |                                  |                  |                                  |           |              |
| at 30 June 2005                   | 778,758                               | 270,044                          | 728,259                          | 137,242          | 210,203                          | 254,466   | 2,378,972    |
| Accumulated depre                 | ciation (includ                       | ing impairmen                    | nt)                              |                  |                                  |           |              |
| Opening balance as at 31 December |                                       |                                  |                                  |                  |                                  |           |              |
| 2004                              | (472,984)                             | (150,576)                        | (512,254)                        | (97,167)         | (23,294)                         | (186,362) | (1,442,637)  |
| Charge for the                    | (1, =,,, 0 1)                         | (,,-)                            | (==,===)                         | (,,,,,,,         | (==,=> 1)                        | (,)       | (-,, , , - ) |
| period                            | (8,510)                               | (5,027)                          | (8,106)                          | (2,102)          | -                                | (9,794)   | (33,539)     |
| Transfers                         | -                                     | · -                              | -                                | -                | (9)                              | 9         | -            |
| Disposals                         | 1,374                                 | 85                               | 886                              | 235              | 652                              | 2,091     | 5,323        |
| Closing balance as                |                                       |                                  |                                  |                  |                                  |           |              |
| at 30 June 2005                   | (480,120)                             | (155,518)                        | (519,474)                        | (99,034)         | (22,651)                         | (194,056) | (1,470,853)  |
| Net book value as                 |                                       |                                  |                                  |                  |                                  |           | _            |
| at 30 June 2005                   | 298,638                               | 114,526                          | 208,785                          | 38,208           | 187,552                          | 60,410    | 908,119      |
| Net book value as                 |                                       |                                  |                                  |                  |                                  |           | _            |
| at 31 December                    |                                       |                                  |                                  |                  |                                  |           |              |
| 2004                              | 294,920                               | 117,184                          | 208,237                          | 38,581           | 168,572                          | 65,387    | 892,881      |

## Appraised value or cost

|                                    | Electricity<br>and heat<br>generation | Electricity<br>transmis-<br>sion | Electricity distribution | Heating networks | Construc-<br>tion in<br>progress | Other   | Total     |
|------------------------------------|---------------------------------------|----------------------------------|--------------------------|------------------|----------------------------------|---------|-----------|
| Opening balance                    |                                       |                                  |                          |                  |                                  |         |           |
| as at 31 December                  |                                       |                                  |                          |                  |                                  |         |           |
| 2003                               | 750,577                               | 231,671                          | 709,576                  | 131,059          | 205,590                          | 242,418 | 2,270,891 |
| Additions                          | 1,378                                 | 711                              | 510                      | 30               | 29,075                           | 1,752   | 33,456    |
| Transfers                          | 10,205                                | 9,286                            | 5,388                    | 1,326            | (31,677)                         | 5,472   | -         |
| Disposals                          | (2,716)                               | (58)                             | (1,846)                  | (582)            | (2,303)                          | (4,214) | (11,719)  |
| Closing balance as at 30 June 2004 | 759,444                               | 241,610                          | 713,628                  | 131,833          | 200,685                          | 245,428 | 2,292,628 |

Note 8: Property, plant and equipment (continued)

| Accumulated ( | denreciation | (including | impairment) | ١ |
|---------------|--------------|------------|-------------|---|
|               |              |            |             |   |

| Opening balance    |           |           |           |          |          |           |             |
|--------------------|-----------|-----------|-----------|----------|----------|-----------|-------------|
| as at 31 December  |           |           |           |          |          |           |             |
| 2003               | (464,075) | (131,953) | (506,686) | (94,965) | (25,595) | (175,438) | (1,398,712) |
| Charge for the     |           |           |           |          |          |           |             |
| period             | (8,120)   | (4,301)   | (7,600)   | (2,295)  | -        | (8,661)   | (30,977)    |
| Impairment         |           |           |           |          |          |           |             |
| charge             | (216)     | (629)     | -         | -        | (1,721)  | (31)      | (2,597)     |
| Transfers          | (1,277)   | (242)     | (171)     | (114)    | 2,505    | (701)     | -           |
| Disposals          | 1,501     | 73        | 1,572     | 584      | 84       | 3,485     | 7,299       |
| Closing balance    |           |           |           |          |          |           |             |
| as at 30 June 2004 | (472,187) | (137,052) | (512,885) | (96,790) | (24,727) | (181,346) | (1,424,987) |
| Net book value as  |           |           |           |          |          |           |             |
| at 30 June 2004    | 287,257   | 104,558   | 200,743   | 35,043   | 175,958  | 64,082    | 867,641     |
| Net book value as  |           |           |           |          |          |           |             |
| at 31 December     |           |           |           |          |          |           |             |
| 2003               | 286,502   | 99,718    | 202,890   | 36,094   | 179,995  | 66,980    | 872,179     |

Construction in progress represents the carrying amount of property, plant and equipment that has not yet been put into operation, including generating stations under construction.

Depreciation is charged once an asset is available for service.

Other property, plant and equipment include motor vehicles, computer equipment, office fixtures and other equipment.

The assets transferred to the Group upon privatisation did not include the land on which the Group's buildings and facilities are situated. The Group has the option to purchase this land upon application to the state registrator body or to formalise the right for rent. According to Russian legislation expiry date to this option is 1 January 2006. As at 30 June 2005, the majority of the Group's companies have not filed any application to exercise the purchase option.

A portion of property, plant and equipment additions has been settled through mutual settlement, barter and other non-cash transactions. Non-cash transactions in respect of property, plant and equipment are:

|                                    | Six months ended<br>30 June 2005 | Six months ended<br>30 June 2004 |
|------------------------------------|----------------------------------|----------------------------------|
| Non-cash acquisitions              | 3,664                            | 3,741                            |
| Non-cash proceeds from the sale of |                                  |                                  |
| property, plant and equipment      | 1,447                            | 580                              |

*Impairment*. For the six months ended 30 June 2005, management assessed the adequacy of the existing impairment provision and concluded that an additional impairment charge is not required. In the six months ended 30 June 2004 an impairment provision of RR 2,597 million was recognised in respect of certain fixed assets and construction in progress.

Management has used various assumptions in the calculation of the recoverable value of property, plant and equipment. Variations in these assumptions may give rise to a significantly different amount for the impairment provision. In management's opinion, the existing provision represents the best estimate of the impact of impairment as a result of the current economic conditions in the Russian Federation.

#### Note 9: Investments in associates

The Group has investments in the following associated enterprises, both of which are incorporated and operate in the Russian Federation:

|                 | 30 June     | 30 June 2005 |             | er 2004  |
|-----------------|-------------|--------------|-------------|----------|
| Enterprise name | % Ownership | % Voting     | % Ownership | % Voting |
|                 |             |              |             |          |
| RKS             | 25.0        | 25.0         | 25.0        | 25.0     |
| Kurganenergo    | 49.0        | 49.0         | 49.0        | 49.0     |

As at 30 June 2005 and 31 December 2004 the carrying value of Group's investment in RKS is nil.

|                                     | Kurganenergo |
|-------------------------------------|--------------|
|                                     |              |
| Carrying value as at 1 January 2005 | 1,030        |
| Share of loss of associates         | (58)         |
| Carrying value as at 30 June 2005   | 972          |

During 2004 management re-assessed the level of control that the Group had over Kurganenergo and determined that control no longer exists, and that the Group exercises significant influence over Kurganenergo. Consequently, as at 30 June 2005 the investment in Kurganenergo has been accounted for as an investment in an associate.

The following is summarised financial information, in aggregate, in respect of associates:

|                         | 30 June 2005 | 31 December 2004 |
|-------------------------|--------------|------------------|
| Non aurment agests      | 2 900        | 2.019            |
| Non-current assets      | 3,809        | 3,018            |
| Current assets          | 7,179        | 6,025            |
| Non-current liabilities | (803)        | (511)            |
| Current liabilities     | (8,042)      | (6,734)          |
| Total equity            | 2,143        | 1,798            |

|  | Six months ended 30 June 2005 | Six months ended 30 June 2004 |
|--|-------------------------------|-------------------------------|
| Retained earnings at 1 January         | 636                           | 1                             |
| Net profit / (loss) for the six months | 246                           | (874)                         |
| Retained earnings at 30 June           | 882                           | (873)                         |

|                               | Six months ended<br>30 June 2005 | Six months ended 30 June 2004 |
|-------------------------------|----------------------------------|-------------------------------|
| Revenues for the period       | 11,488                           | 6,646                         |
| Total expenses for the period | (11,242)                         | (7,517)                       |

#### Note 10. Other non-current assets

|  | 30 June 2005 | <b>31 December 2004</b> |
|--|--------------|-------------------------|
| Available-for-sale investments (carried at cost)                 | 4,588        | 4,866                   |
| Available-for-sale investments (carried at fair value)           | 3,109        | 2,996                   |
| Advances to contractors  | 21,149       | 17,306                  |
| Restructured trade receivables                                   |              |                         |
| (Net of allowance for doubtful debtors of RR 4,103 million as at |              |                         |
| 30 June 2005 and RR 4,169 million as at 31 December 2004)        | 2,165        | 2,200                   |
| Other  | ,            | ,                       |
| (Net of allowance of RR 835 million as at 30 June 2005 and       |              |                         |
| 865 million as at 31 December 2004)                              | 14,112       | 5,193                   |
| Total  | 45,123       | 32,561                  |

#### Note 11: Cash and cash equivalents

|                           | 30 June 2005 | 31 December 2004 |
|---------------------------|--------------|------------------|
| Cash at bank and in hand  | 24,520       | 22,413           |
| Cash equivalents          | 3,161        | 12,880           |
| Foreign currency accounts | 1,997        | 551              |
| Total                     | 29,678       | 35,844           |

Cash equivalents comprise short-term investments in bank promissory notes and certificates of deposit.

Note 12: Accounts receivable and prepayments

|   | 30 June 2005 | 31 December 2004 |
|---|--------------|------------------|
| Trade receivables   |              |                  |
|   |              |                  |
| (Net of allowance for doubtful debtors of RR 48,075 million as at |              |                  |
| 30 June 2005 and RR 36,003 million as at 31 December 2004)        | 60,913       | 44,271           |
| Value added tax recoverable                                       | 29,689       | 28,940           |
| Advances to suppliers and prepayments                             | 21,285       | 13,224           |
| Receivables from associates                                       |              |                  |
| (Net of allowance for doubtful debtors of RR 685 million as at    |              |                  |
| 30 June 2005 and nil as at 31 December 2004)                      | 981          | 1,809            |
| Other receivables   |              |                  |
| (Net of allowance for doubtful debtors of RR 6,522 million as at  |              |                  |
| 30 June 2005 and RR 6,491 million as at 31 December 2004)         | 29,349       | 22,998           |
| Total   | 142 217      | 111 242          |
| างเลา   | 142,217      | 111,242          |

At 30 June 2005 and 31 December 2004, the above other receivables balance included RR 15,479 million and RR 7,921 million of tax prepayments, respectively, which are to be settled against future tax liabilities.

Management has determined the allowance for doubtful debtors based on specific customer identification, customer payment trends, subsequent receipts and settlements and analyses of expected future cash flows. Based on the expected collection rate, discount rates of 16-25 percent have been used in the estimate of fair value of future cash flows. The effects of discounting are reflected in the doubtful debtor allowance and expense. The management of the Group believes that Group entities will be able to realise the net receivable amount through direct collections and other non-cash settlements, and that therefore the recorded value approximates their fair value.

Certain trade receivables have been restructured and as a result are due to be realised more than one year from the balance sheet date (see Note 10). The loss on restructuring is included in doubtful debtors expense.

For the six months ended 30 June 2005 approximately 8 percent (the six months ended 30 June 2004: 6 percent) of the Group's accounts receivables were settled via non-cash settlements.

#### **Note 13: Inventories**

|                        | 30 June 2005 | 31 December 2004 |
|------------------------|--------------|------------------|
| Materials and supplies | 26,381       | 24,736           |
| Fuel production stocks | 13,363       | 15,656           |
| Other inventories      | 2,808        | 1,564            |
| Total                  | 42,552       | 41,956           |

The above inventory balances are recorded net of an obsolescence provision of RR 2,549 million and RR 2,185 million as at 30 June 2005 and 31 December 2004, respectively.

At 30 June 2005 and 31 December 2004, the inventory balance included RR 15,988 million and RR 16,502 million, respectively, of inventory pledged as collateral under loan agreements.

**Note 14: Equity** 

## Share Capital

|                   | Number of shares issued and fully paid | 30 June 2005 | 31 December 2004 |
|-------------------|--|--------------|------------------|
| Ordinary shares   | 41,041,753,984                         | 147,439      | 147,439          |
| Preference shares | 2,075,149,384                          | 7,667        | 7,667            |
| Total             |  | 155,106      | 155,106          |

The authorised number of ordinary and preference shares are 47,509,289,488 and 2,075,149,384 respectively, both with a nominal value per share of 0.5 Russian Roubles. The carrying amount of share capital has been adjusted to take into account the effects of hyperinflation that existed in Russian Federation until the end of 2002.

Ordinary shares and preference shares. Preference shares have no right of conversion or redemption, but are entitled to a minimum annual dividend of 10 percent of net statutory profit. In total the preference dividend may not be less than the ordinary dividend and is not cumulative. Preference shares carry no voting rights except when dividends on preference shares have not been declared fully at the Annual Shareholders' meeting. In liquidation preference shareholders are first paid any declared unpaid dividends and then the nominal value of the shares ("liquidation value"). Following this, preference shareholders participate equally in the distribution of remaining assets with ordinary shareholders.

*Increase of minority interest due to the restructuring.* During the six months ended 30 June 2005 state registration of certain new entities created as a result of reorganization of subsidiaries of RAO UES was completed.

The owners of preference shares of the reorganized subsidiaries received additional preference shares of the newly created entities, since their share capital was formed from the shareholders' funds of the reorganized subsidiaries (including additional paid-in capital and retained earnings).

In accordance with the Group accounting policy (refer to Note 4) special rights of the owners of preference shares are taken into account in calculating minority interest: as the owners of preference shares have the right to the liquidation (nominal) value of their preference shares upon liquidation of the entities and also to participate in the distribution of the assets of the liquidated entities.

The increase in the total amount of preference shares in issue in Group entities and related increase of their liquidation (nominal) value resulted in the increase of minority interest. This increase is shown as "Increase of minority interest due to the restructuring" in the statement of operations for the six months ended 30 June 2005.

## **Note 14: Equity (continued)**

**Dividends.** The annual statutory accounts of the parent company, RAO UES, form the basis for the annual profit distribution and other appropriations. The specific Russian legislation identifies the basis of distribution as the net profit for the year. For 2004, the statutory profit for the parent company, RAO UES, as reported in the published statutory reporting forms, was RR 24,069 million. However this legislation and other statutory laws and regulations dealing with the distribution rights are open to legal interpretation and, accordingly, management believes at present it would not be appropriate to disclose an amount for the distributable reserves in these Financial Statements.

A dividend was declared in 2005 in respect of the year ended 31 December 2004 of RR 0.0559 per ordinary share and RR 0.2233 per preference share.

*Treasury shares*. The Group periodically purchases and sells treasury shares. Treasury shares as at 30 June 2005 represent 452,228,494 (31 December 2004: 467,812,021) ordinary shares and 8,563,027 (31 December 2004: 14,968,763) preference shares.

#### Treasury shares

|                   | Cost as at 31 December 2004 | Purchases and disposals, net | Cost as at 30 June 2005 |
|-------------------|-----------------------------|------------------------------|-------------------------|
| Ordinary shares   | 3,871                       | (178)                        | 3,693                   |
| Preference shares | 54                          | (36)                         | 18                      |
| Total             | 3,925                       | (214)                        | 3,711                   |

#### Other reserves:

Fair value reserve for available for sale investments. In the reporting period, the Group retrospectively corrected an error relating to the accounting for certain available for sale investments, whose value declined significantly in 2002-2003. Originally, this decline in value in a total amount of RR 4,988 million was recognised in the fair value reserve. In management's view this decline should have been correctly treated as an impairment and recognised in the income statement. As a result of the correction, the fair value reserve for available for sale investments was retrospectively increased and retained earnings decreased by that amount. The correction did not have any impact on the profit or total equity of both periods presented.

*Translation reserve.* The translation reserve, relating to the exchange differences arising on translation of the net assets of foreign subsidiaries, at 30 June 2005 was a debit of RR 245 million (31 December 2004: a debit of RR 268 million) and is included in retained earnings and other reserves.

#### Note 15: Profit tax

#### Profit tax charge

|  | Six months ended<br>30 June 2005 | Six months ended<br>30 June 2004<br>(13,028)<br>(754) |  |
|--|----------------------------------|---|--|
| Current profit tax charge Deferred profit tax charge | (15,360)<br>(1,453)              |   |  |
| Total profit tax charge                              | (16,813)                         | (13,782)  |  |

During the six months ended 30 June 2005 most members of the Group were subject to profit tax rates of 24 percent on taxable profit.

In accordance with Russian tax legislation, tax losses in different Group companies may not be relieved against taxable profit of other Group companies. Accordingly, profit tax may accrue even where there is a net consolidated tax loss.

## Note 15: Profit tax (continued)

Net profit before profit tax for financial reporting purposes is reconciled to profit tax expenses as follows:

|  | Six months ended<br>30 June 2005 | Six months ended<br>30 June 2004 |
|--|----------------------------------|----------------------------------|
| Profit before profit tax   | 33,189                           | 35,986                           |
| Theoretical profit tax charge at an average statutory tax rate of 24 percent | (7,965)                          | (8,637)                          |
| Tax effect of items which are not deductible or assessable for               |                                  |                                  |
| taxation purposes:   |                                  |                                  |
| Tax interest and penalties release   | 253                              | 168                              |
| Other non-deductible and non-taxable items, net                              | (3,783)                          | (4,143)                          |
| Effect of statutory revaluation on tax base                                  | 90                               | 594                              |
| Non-recognised deferred tax assets movements                                 | (5,005)                          | (1,221)                          |
| Other  | (403)                            | (543)                            |
| Total profit tax charge  | (16,813)                         | (13,782)                         |

**Deferred profit tax.** Differences between IFRS and Russian statutory taxation regulations give rise to certain temporary differences between the carrying value of certain assets and liabilities for financial reporting purposes and for profit tax purposes. Deferred profit tax assets and liabilities are measured at 24 percent, the rate expected to be applicable when the assets or liabilities will reverse.

## Deferred profit tax liabilities

|                               | Movement for the period recognised in 31 December 2004 Statement of operations 30 June 2 |         |         |  |
|-------------------------------|--|---------|---------|--|
| Trade receivables             | (6,151)  | 2,572   | (3,579) |  |
| Property, plant and equipment | 63,383   | (1,710) | 61,673  |  |
| Accounts payable              | 2,368  | (699)   | 1,669   |  |
| Inventories                   | (408)  | (16)    | (424)   |  |
| Losses carried forward        | (631)  | 27      | (604)   |  |
| Other                         | (2,470)  | 409     | (2,061) |  |
| Total                         | 56,091   | 583     | 56,674  |  |

#### Deferred profit tax assets

|  | 31 December 2004 | Movement for the period recognised in Statement of operations | 30 June 2005 |
|--|------------------|---|--------------|
|  |                  | •   |              |
| Trade receivables                        | 2,123            | 3,976   | 6,099        |
| Property, plant and equipment            | 10,076           | (232)   | 9,844        |
| Accounts payable                         | (518)            | 217   | (301)        |
| Inventories                              | 106              | 82  | 188          |
| Losses carried forward                   | 505              | 190   | 695          |
| Other                                    | 339              | (98)  | 241          |
| Deferred profit tax assets               | 12,631           | 4,135   | 16,766       |
| Less: non-recognised deferred tax assets | (6,694)          | (5,005)   | (11,699)     |
| Total                                    | 5,937            | (870)   | 5,067        |

## Note 15: Profit tax (continued)

As at 30 June 2005 and 31 December 2004 the Group has not recognized a deferred tax liability in respect of temporary differences associated with investments in subsidiaries that may crystallise depending on how the RAO UES restructuring is effected as the Group is able to control the timing of the reversal of these temporary differences and does not intend to reverse them in the foreseeable future. Deferred tax liability in respect of these temporary differences can vary from zero to RR 104 billion depending on the manner of RAO UES restructuring.

The Group did not recognise deferred tax assets in the amount RR 11,699 million because it is not probable that future taxable profit will be available against which the Group can utilize benefits therefrom.

Tax losses can be carried forward for a maximum of 10 years.

Note 16: Non-current debt

|   | Currency | Effective interest rate | Due        | 30 June 2005 | 31 December 2004 |
|---|----------|-------------------------|------------|--------------|------------------|
| Central and regional                                    |          |                         | 2005 and   |              |                  |
| government loans  | US\$     | LIBOR + 3%              | thereafter | 2,864        | 2,772            |
| Central and regional                                    |          |                         | 2005 and   |              |                  |
| government loans  | RR       | 2.0% - 4.0%             | thereafter | 212          | 419              |
| Bonds issued by subsidiaries                            | RR       | 8.25% -18.0%            | 2005-2010  | 16,278       | 9,359            |
| Bonds issued by RAO HO                                  | RR       | 15.0%                   | 2005       | 3,000        | 3,000            |
| Bank debt from foreign banks                            | Euro     | EURIBOR+4.1%            | 2005       | -            | 616              |
| Bank debt from foreign banks                            | Euro     | EURIBOR+4.25%           | 2006-2010  | 1,105        | 1,361            |
| Bank debt from foreign banks                            | US\$     | 8.25%                   | 2006-2010  | 1,434        | -                |
| Bank debt from foreign banks                            | US\$     | LIBOR + 3.3%            | 2005       | 1,106        | 1,260            |
| Bank debt from foreign banks                            | US\$     | LIBOR + 2.0%            | 2005       | 725          | 780              |
| Bank debt from Russian banks                            | RR       | 8.5% - 15.0%            | 2005-2010  | 7,360        | 4,467            |
| Bank debt from Russian banks                            | US\$     | LIBOR + 6.2%            | 2006       | 1,290        | 1,249            |
| Other long-term debt                                    |          |                         |            | 3,694        | 2,142            |
| Total non-current debt<br>Less: current portion of non- |          |                         |            | 39,068       | 27,425           |
| current debt  |          |                         |            | (10,318)     | (7,378)          |
| Total   |          |                         |            | 28,750       | 20,047           |

# Maturity table

|                              | 30 June 2005 | <b>31 December 2004</b> |
|------------------------------|--------------|-------------------------|
|                              |              |                         |
| Due for repayment            |              |                         |
| Between one and two years    | 7,400        | 4,163                   |
| Between two and three years  | 7,368        | 11,020                  |
| Between three and four years | 2,062        | 1,847                   |
| Between four and five years  | 8,755        | 1,233                   |
| After five years             | 3,165        | 1,784                   |
| Total                        | 28,750       | 20,047                  |

Except as otherwise noted, the majority of the above bank debt is obtained at fixed interest rates.

#### **Note 16: Non-current debt (continued)**

The effective interest rate is the market interest rate applicable to the loan at the date of origination for fixed rate loans and the current market rate for floating rate loans.

The Group has not entered into any hedging arrangements in respect of its foreign currency obligations or interest rate exposures.

At the balance sheet date, the estimated fair value of total non-current debt (including the current portion) was RR 38,072 million (31 December 2004: RR 27,652 million), which is estimated by discounting the future contractual cash flows at the estimated current market interest rates available to the Group for similar financial instruments.

Note 17: Other non-current liabilities

|                                       | 30 June 2005 | 31 December 2004 |
|---------------------------------------|--------------|------------------|
|                                       |              |                  |
| Taxes payable                         | 9,608        | 12,010           |
| Trade payables                        | 741          | 720              |
| Other                                 | 8,391        | 6,062            |
| Total other non-current liabilities   | 18,740       | 18,792           |
| Less: current portion of restructured |              |                  |
| liabilities                           | (1,795)      | (1,757)          |
| _ Total                               | 16,945       | 17,035           |

In accordance with Government Resolution No. 1002 dated 3 September 1999, the majority of Group entities have restructured taxes including fines and interest to be repaid over a period of up to 10 years. Non-adherence to certain payment schedules could result in the gross amount of taxes payable including fines and interest becoming due on demand. Additionally, a number of Group entities have restructured trade payables to be repaid over a period of up to five years. Based on the contractual dates of repayment, discount rate of 21-24 percent has been used in the estimate of the fair value of these liabilities at the date of restructuring.

The maturity profile is as follows:

| Maturity table             | 30 June 2005 | 31 December 2004 |
|----------------------------|--------------|------------------|
| Due for repayment          |              |                  |
| Between one and two years  | 1,609        | 2,430            |
| Between two and five years | 6,506        | 6,553            |
| After five years           | 8,830        | 8,052            |
| Total                      | 16,945       | 17,035           |

Note 18: Current debt and current portion of non-current debt

|                                     | Effective interest rate | 30 June 2005 | <b>31 December 2004</b> |
|-------------------------------------|-------------------------|--------------|-------------------------|
| Current debt                        | 7.0% - 15.0%            | 58,972       | 58,571                  |
| Current portion of non-current debt |                         | 10,318       | 7,378                   |
| Total                               |                         | 69,290       | 65,949                  |

Note 19: Accounts payable and accrued charges

|   | 30 June 2005 | <b>31 December 2004</b> |
|---|--------------|-------------------------|
|   |              |                         |
| Trade payables                              | 49,462       | 44,898                  |
| Accrued liabilities and other creditors     | 37,838       | 36,018                  |
| Bills of exchange payable                   | 862          | 747                     |
| Dividends payable                           | 4,872        | 1,898                   |
| Current portion of trade payables and other |              |                         |
| creditors restructured to long-term         | 403          | 304                     |
| Total                                       | 93,437       | 83,865                  |

For the six months ended 30 June 2005, approximately 12 percent (the six months ended 30 June 2004: 10 percent) of the Group's accounts payable and accrued charges were settled via non-cash settlements.

Restructured trade payables which are payable more than one year from the balance sheet date are reflected within other non-current liabilities as described in Note 17. The effect of restructuring the trade payables is included in Note 22.

Note 20: Taxes payable

|  | 30 June 2005 | 31 December 2004 |
|--|--------------|------------------|
|  |              |                  |
| Value added tax                                | 25,563       | 21,608           |
| Fines and interest                             | 10,617       | 8,217            |
| Profit tax                                     | 4,847        | 4,715            |
| Property tax                                   | 2,317        | 1,461            |
| Employee taxes                                 | 2,481        | 2,294            |
| Other taxes                                    | 5,498        | 2,979            |
| Current portion of taxes restructured to long- | ,            | ŕ                |
| term   | 1,392        | 1,453            |
| Total  | 52,715       | 42,727           |

Included in the payable for value added tax is RR 21,758 million of deferred VAT which only becomes payable to the authorities when the underlying receivables balance is either recovered or written off (31 December 2004: RR 16,021 million).

The principal tax liabilities past due, excluding the amounts which have been restructured, accrue interest each day at one three hundredth of the current refinance rate of the Central Bank of the Russian Federation. As at 30 June 2005 and 31 December 2004 the refinance rate was 13 percent. Interest does not accrue on tax fines and interest.

Restructured taxes, including fines and interest, which are payable more than one year from the balance sheet date are reflected within other non-current liabilities as described in Note 17.

For the six months ended 30 June 2005, approximately 2 percent (the six months ended 30 June 2004: 1 percent) of the Group's taxes payable were settled via non-cash settlements.

# Note 21: Other expenses

|  | Six months ended<br>30 June 2005 | Six months ended 30 June 2004 |
|--|----------------------------------|-------------------------------|
| Rent                                       | 2,615                            | 2,519                         |
| Production services                        | 3,439                            | 2,272                         |
| Consulting, legal and information services | 2,379                            | 1,790                         |
| Security services                          | 1,914                            | 1,414                         |
| Fines and interest, other than on taxes    | 1,840                            | 1,403                         |
| Bank services                              | 1,659                            | 1,227                         |
| Transportation services                    | 1,575                            | 1,267                         |
| Commission fee                             | 1,010                            | 437                           |
| Expenses related to restructuring process  | 896                              | 587                           |
| Non-production services                    | 886                              | 680                           |
| Media-Holding REN-TV expenses              | 881                              | 1,095                         |
| Telecommunication services                 | 777                              | 607                           |
| Charity expenses                           | 761                              | 737                           |
| Business trip expenses                     | 548                              | 495                           |
| Labor protection costs                     | 518                              | 348                           |
| Public utilities expenses                  | 502                              | 477                           |
| Purchased heat                             | 471                              | 577                           |
| Charges from Energonadzor and RSTs         | 432                              | 1,130                         |
| Loss on disposal/impairment of investments | 364                              | · -                           |
| Other                                      | 15,716                           | 13,538                        |
| Total                                      | 39,183                           | 32,600                        |

# Note 22: Finance costs - net

|  | Six months ended<br>30 June 2005 | Six months ended<br>30 June 2004 |
|--|----------------------------------|----------------------------------|
| Interest expense (borrowings)                          | (4,290)                          | (2,846)                          |
| Interest expense (release of prior period discounting) | (3,863)                          | (3,565)                          |
| Foreign exchange gain                                  | 22                               | 714                              |
| Total  | (8,131)                          | (5,697)                          |

The discounting of restructured payable amounts gives rise to a gain. Subsequent to its initial recognition, the discount is amortized over the period of the restructuring as an expense. Further information on the restructuring of accounts payable and taxes payable is contained in Notes 17, 19 and 20.

## Note 23: Earnings per share

|   | Six months ended<br>30 June 2005 | Six months ended 30 June 2004 |
|---|----------------------------------|-------------------------------|
| Weighted average number of ordinary shares issued         |                                  |                               |
| (thousands)   | 41,041,754                       | 41,041,754                    |
| Weighted average number of preference shares issued       |                                  |                               |
| (thousands)   | 2,075,149                        | 2,075,149                     |
| Adjustment for weighted average number of treasury shares |                                  |                               |
| (thousands)   | (471,727)                        | (65,907)                      |
| Weighted average number of ordinary and preference shares |                                  | <u> </u>                      |
| outstanding (thousands)                                   | 42,645,176                       | 43,050,996                    |
| Profit attributable to the shareholders of RAO UES        | 10,695                           | 15,421                        |
| Weighted average earnings per ordinary and preference     |                                  |                               |
| share – basic and diluted (in Russian Roubles)            | 0.25                             | 0.36                          |

Taking into account the effect of the unequal dividends paid in the period (see Note 14), and based on the weighted average numbers of preference and ordinary shares outstanding, the earnings per share for the two classes of shares were as follows:

|   | Six months ended<br>30 June 2005 | Six months ended 30 June 2004 |
|---|----------------------------------|-------------------------------|
| Weighted average number of ordinary shares issued             |                                  |                               |
| (thousands)   | 41,041,754                       | 41,041,754                    |
| Adjustment for weighted average number of ordinary treasury   |                                  |                               |
| shares (thousands)  | (459,917)                        | (49,138)                      |
| Weighted average number of ordinary shares outstanding        |                                  |                               |
| (thousands)   | 40,581,837                       | 40,992,616                    |
| Weighted average number of preference shares issued           |                                  |                               |
| (thousands)   | 2,075,149                        | 2,075,149                     |
| Adjustment for weighted average number of preference treasury |                                  |                               |
| shares (thousands)  | (11,810)                         | (16,769)                      |
| Weighted average number of preference shares outstanding      |                                  |                               |
| _(thousands)  | 2,063,339                        | 2,058,380                     |
|   |                                  |                               |
| Dividends paid to ordinary shares outstanding                 | 2,269                            | 1,923                         |
| Dividends paid to preference shares outstanding               | 461                              | 470                           |
| Total dividends paid  | 2,730                            | 2,393                         |
|   |                                  |                               |
| Total profit attributable to ordinary equity holders less     |                                  |                               |
| dividends paid  | 7,965                            | 13,028                        |
| - attributable to ordinary shareholders                       | 7,581                            | 12,405                        |
| - attributable to preference shareholders                     | 384                              | 623                           |
|   |                                  |                               |
| Total earnings attributable to the ordinary shareholders      | 9,850                            | 14,328                        |
| Total earnings attributable to the preference shareholders    | 845                              | 1,093                         |
| Earnings per ordinary share – basic and diluted               |                                  |                               |
| (in Russian Roubles)  | 0.24                             | 0.35                          |
| Earnings per preference share – basic and diluted             |                                  |                               |
| (in Russian Roubles)  | 0.41                             | 0.53                          |

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005

(in millions of Russian Roubles)

#### **Note 24: Commitments**

*Sales commitments.* The Group has entered into an export contract with TOO Kazenergoresource, a contract with concern Belenergo, two contracts with TPK Sirius and a contract with Fortum Power and Heat Oy (Finland).

The contract with TOO Kazenergoresource specifies the supply of 1.44 million MWh of electricity per year. The price for the electricity supplied is fixed at USD 24.7 per MWh from 1 January 2005. The contract expires in March 2008.

The contract with concern Belenergo specifies the supply of 5.5 million MWh of electricity in 2005 and 4.5 million MWh of electricity in both 2006 and 2007. The price for electricity supplied is fixed at USD 20.3 per MWh. The contract expires in December 2007.

Two contracts with TPK Sirius specify the supply of 16.52 million MWh of electricity for the period from 26 May 2004 to 31 December 2013. The price for electricity supplied is fixed at USD 18 per MWh for the period from 26 May 2004 to 31 December 2004. According to the contracts terms the price of the actually supplied electrical power shall increase, if the actual hourly capacity and the quantity of the electrical power differ by more than 10 percent from the agreed figures. The price of the electrical power to be supplied is determined annually on the basis of the supplementary agreements. The contracts will be executed in USD.

The contract with Fortum Power and Heat Oy, specifies the supply of maximum 2.5 million MWh of electricity per year and is divided between an obligatory volume of 1.6 million MWh of electricity per year and an additional volume of 0.9 million MWh of electricity per year. The basic price for the electricity supplied is EURO 20 in 2005, EURO 20.25 in 2006 and EURO 20.5 in 2007. The price will depend on the fee for the entering the Finland electricity grid, which equals EURO 2.8886. The contract will be executed in EURO. The contract expires in December 2007.

**Purchase commitment.** The Group concluded agreements with its electricity suppliers Ekibastuzskaya GRES-2 (Kazakhstan), OAO Elektricheskie Stantsii (Kirgizstan), AES Ekibastuz (Kazakhstan) and TOO Kazenergoresurs (Kazakhstan).

In August 2003 the Group concluded the agreement with its electricity supplier, Ekibastuzskaya GRES-2, for the period from 2003 through 2007. The quantity of electricity to be supplied is 6 million MWh per annum. The price for the period from September 2004 to April 2005 is fixed at RR 276 per MWh, for the period from May 2005 to December 2005 is fixed at RR 287 per MWh.

The agreement with OAO Elektricheskie Stantsii specifies the supply of 1.1 million MWh per annum. The price is USD 6.6 per MWh. According to the contract terms the price may increase by not more than 10 percent per year, price revision is possible two times per year. The contract will be executed in USD. The contract expires in December 2008.

The agreement with AES Ekibastuz specifies to supply of 0.9 million MWh in 2005, 2.6 million MWh in 2006 and 2007, 2.6 million MWh in 2008. The future period volume of electricity to be supplied will be defined later. The price for 2005 is USD 10.35 per MWh, for 2006 – USD 11.10 per MWh, for 2007 – USD 11.99 per MWh and for 2008 – USD 12.95 per MWh. The price for the subsequent periods will be defined by an additional agreement. The contract will be executed in USD. The contract expires in December 2015.

The agreement with TOO Kazenergoresurs specifies the supply of 2.5 million MWh in 2005. The future period volume of electricity to be supplied will be defined later. The price is USD 11 per MWh in 2005. The contract will be executed in USD. The contract expires in December 2007. The price for the future periods will be defined by an additional agreement.

**Fuel commitments.** Group entities have numerous fuel contracts. These fuel contracts represent less than the total annual fuel requirement of the Group. Additional fuel requirements are purchased through short-term agreements and on a spot basis from a variety of suppliers. Prices under the Group's natural gas and coal contracts are generally determined by reference to base amounts adjusted to reflect provisions for changes in regulatory prices, published inflation indices and current market prices.

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005

(in millions of Russian Roubles)

#### **Note 24: Commitments (continued)**

**Social commitments.** Group entities contribute to the maintenance and upkeep of the local infrastructure and the welfare of its employees, including contributions toward the development and maintenance of housing, hospitals, transport services, recreation and other social needs in the geographical areas in which it operates.

*Capital commitments.* Future capital expenditures for which contracts have been signed amount to RR 76,533 million at 30 June 2005 and RR 46,555 million at 31 December 2004.

#### **Note 25: Contingencies**

**Political environment.** The operations and earnings of Group entities continue, from time to time and in varying degrees, to be affected by political, legislative, fiscal and regulatory developments, including those related to environmental protection, in Russia.

*Insurance.* The Group holds limited insurance policies in relation to its assets, operations, public liability or other insurable risks. Accordingly, the Group is exposed for those risks for which it does not have insurance.

**Legal proceedings.** Group entities are party to certain legal proceedings arising in the ordinary course of business. In the opinion of management, there are no current legal proceedings or other claims outstanding, which, upon final disposition, will have a material adverse effect on the financial position of the Group.

Tax contingency. Russian tax, currency and customs legislation is subject to varying interpretation, and changes, which can occur frequently. Management's interpretation of such legislation as applied to the transactions and activity of the Group may be challenged by the relevant regional and federal authorities. Recent events within the Russian Federation suggest that the tax authorities may be taking a more assertive position in their interpretation of the legislation and assessments. As a result, significant additional taxes, penalties and interest may be assessed. Fiscal periods remain open to review by the authorities in respect of taxes for three calendar years preceding the year of review. Under certain circumstances review may cover longer periods.

As at 30 June 2005 management believes that its interpretation of the relevant legislation is appropriate and the Group's tax, currency and customs positions will be sustained. Where management believes it is probable that a position cannot be sustained, an appropriate amount has been accrued for in these Financial Statements.

Certain tax authorities have indicated that they believe that some Group entities, including OAO Mosenergo, may be liable for additional taxes on the basis that the subscription fees paid to RAO UES, SO-CDU and FGC for managing the transmission of electricity, dispatch functions constitute financial aid, and expenses have been overstated by the amounts of abnormal losses of electricity dispatched, etc.

No disclosure has been made in respect of the possible financial effect of potential claims or disputes on these matters, as to do so might prejudice seriously the position of the Group.

*Environmental matters.* Group entities and their predecessor entities have operated in the electric power industry in the Russian Federation for many years. The enforcement of environmental regulation in the Russian Federation is evolving and the enforcement posture of government authorities is continually being reconsidered. Group entities periodically evaluate their 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 but could be material. In the current enforcement climate under existing legislation, management believes that there are no significant liabilities for environmental damage, other than any amounts which have been accrued in the accompanying consolidated balance sheet.

Notes to the Consolidated Interim Financial Statements for the six months ended 30 June 2005

(in millions of Russian Roubles)

#### Note 26: Financial instruments and financial risk factors

*Financial risk factors.* The Group's activities expose it to a variety of financial risks, including the effects of changes in foreign currency exchange rates, changes in interest rates and the collectibility of receivables. The Group does not have a risk policy in order to hedge its financial exposures.

*Credit risk.* Financial assets which potentially subject Group entities to concentrations of credit risk consist principally of trade 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 allowance for doubtful debtors already recorded.

Cash is placed in financial institutions, which are considered at time of deposit to have minimal risk of default.

**Foreign exchange risk.** The Group primarily operates within the Russian Federation, with minimal exports of electricity. The majority of the Group's purchases are denominated in Russian Roubles. The major concentration of foreign exchange risk is in relation to foreign currency denominated sales and purchase commitments (as disclosed in Note 24) and foreign currency denominated debt (as disclosed in Note 16).

*Interest rate risk.* The Group's income and operating cash flows are substantially independent of changes in market interest rates. The Group is exposed to interest rate risk through market value fluctuations of interest-bearing long-term borrowings. The majority of interest rates on long term borrowings are fixed, these are disclosed in Note 16. The Group has no significant interest-bearing assets.

*Fair values.* The fair value of investments is discussed in Note 14. Management believes that the fair value of other financial assets and financial liabilities approximates their carrying amounts.

#### **Note 27: Subsequent events**

In July 2005, the Group sold its 70 percent shareholding in Media-Holding REN-TV, an entity which holds television broadcasting equipment and licenses. The total consideration received in cash was RR 2,871 million (US\$ 100 million); the carrying value, net of minority interest, in the net assets of Media-Holding REN-TV as at 30 June 2005 was approximately RR 622 million.

In July 2005, Inter RAO UES, a Group entity, acquired 50 percent of the shares of OAO Stantsiya Ekibastuzskaya GRES-2. The total consideration at the amount RR 288 million (US\$ 10 million) was allocated to settle the debt for the electricity supplied by the Group to Kazakhstan in 1992-1996.

In August 2005, RAO Nordic Oy, a Group entity, acquired 100 percent of the shares of Saint Guidon Invest N.V., being the holder of 49 percent of the shares of ZAO Moldavskaya GRES. The total consideration paid in cash was RR 980 million (US\$ 35 million).

Pursuant to resolution of the Board of Directors on 4 October 2005, RAO UES acquired 22.4 percent of the shares of OAO Power Machines. The total consideration paid in cash was RR 2,939 million (US\$ 102 million). Subsequently, RAO UES will be authorized by a power of attorney to control the voting rights in respect of an additional 30.4 percent of the shares of OAO Power Machines until 2007.