HS Orka hf.

Financial Statements
for the year 2013
ISK

HS Orka hf.
Brekkustígur 36
260 Reykjanesbær

Reg. no. 680475-0169

Contents

Endorsement by the Board of Directors and Management

The financial statements of HS Orka hf. (the Company or "HS Orka") for the year 2013 are prepared in accordance with International Financial Reporting Standards (IFRS) as adopted by the European Union (EU) and with additional Icelandic disclosure requirements.

According to the statement of comprehensive income, the Company's operating revenue amounted to ISK 7,031 million for the year 2013 (2012: ISK 6,881 million) and the loss for the period amounted to ISK 355 million (2012: ISK 653 million profit). Total comprehensive loss amounted to ISK 434 million (2012: ISK 5,509 comprehensive income). According to the statement of financial position, the Company's assets amounted to ISK 44,873 million at the end of December 2013 (at year end 2012: ISK 49,826 million). Equity amounted to ISK 26,021 million at the end of December 2013 (at year end 2012: ISK 26,605 million) or 58.0% of total capital (at year end 2012: 53.4%).

The Company's power plants were revalued to fair value on 31 December 2012 by calculating the present value of estimated cash flows from the operating assets. At 31 December 2013 Management reviewed whether there was an indication of impairment of the Company's operating assets at the year end 2013 and management concluded that there was no indication of impairment.

The Company's shareholders numbered two at the end of 2013, there was no change in the number of shareholders during the year. At the end of 2013 Magma Energy Sweden A.B. held 66.6% of the shares in HS Orka hf. and Jarðvarmi slhf. held 33.4% of the shares in HS Orka hf.

The Company's Board of Directors proposes that dividends of ISK 150 million (ISK 0.019 pr. share) will be paid to shareholders in the year 2014, and refers to the financial statements for further allocation of profit and changes in equity during the year.

The board had 12 meetings and the Audit committee had 5 meetings in 2013.

Statement of Corporate Governance

The Board of Directors of HS Orka hf. emphasizes maintaining good management practices. The Board of Directors is of the opinion that practicing good corporate governance is vital for the existence of the Company and in best interest of the shareholders, employees and other stakeholders and will in the long run produce satisfactory profits on shareholders investments. The framework on corporate governance is made in accordance with Article 66-c of the Icelandic Financial Statements Act No. 3/2006, as amended. This statement has been approved by the Board of Directors and is also published in the Company’s Annual Report. This statement covers the financial year ended on 31 December 2013. The Board of Directors has prepared a corporate government statement in compliance with the Icelandic Corporate Governance guidelines which are described in full in the corporate governance statement in the appendix to the financial statements.

It is the opinion of the Board of Directors that HS Orka hf. complies with the Icelandic guidelines for Corporate Governance.

Endorsement by the Board of Directors and Management, continued.:

Statement by the Board of Directors and Management

To the best knowledge of the Board of Directors and Management, the Company's financial statements are in accordance with International Financial Reporting Standards as adopted by the EU and it is the opinion of the Board of Directors and Management that the financial statements give a true and fair view of the Company's assets, liabilities and financial position as at 31 December 2013, its financial performance, and the changes in cash flows during the year 2013.

Furthermore, it is the opinion of the Board of Directors and Management that the financial statements and endorsement by the Board of Directors and Management contain a fair overview of the Company's financial development and performance, its position and describe the main risk factors and uncertainties faced by the Company.

The Board of Directors and the Management of HS Orka hf. have today discussed the Company's financial statements for the year 2013 and confirmed by means of their signatures. The Board of Directors and Management will submit the financial statements for approval at the annual general meeting to be held at 26 March 2014.

Reykjanesbær, 25 February 2014.

The Board of Directors:

Ross Beaty
Chairman of the board

Gylfi Árnason

John Carson

Anna Skúladóttir

Lynda Freeman

Managing Director:
Ásgeir Margeirsson

Assistant Managing Director:
Albert Albertsson

Independent Auditor's Report

To the Board of Directors and Shareholders of HS Orka hf.

We have audited the accompanying financial statements of HS Orka hf., which comprise the statement of financial position as at 31 December, 2013 the statements of comprehensive income, changes in equity and cash flows for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with International Financial Reporting Standards as adopted by the EU, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with International Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

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

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

Opinion

In our opinion, the financial statements give a true and fair view of the financial position of HS Orka hf. as at 31 December 2013, and of its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards as adopted by the EU.

Report on the Board of Directors Report

Pursuant to the legal requirement under Article 104, Paragraph 2 of the Icelandic Financial Statement Act No. 3/2006, we confirm that, to the best of our knowledge, the report of the Board of Directors accompanying the financial statements includes the information required by the Financial Statement Act if not disclosed elsewhere in the Financial Statements.

Reykjanesbær, 25 Februar 2014

KPMG ehf.

Statement of Comprehensive (Loss) Income for the year ended 31 December 2013

	Note	2013	2012
Operating revenue	5	7.031.390	6.880.577
Production cost and cost of sales	6	(5.312.588)	(4.525.984)
Gross profit		1.718.802	2.354.593
Other operating expenses	7	(437.192)	(433.179)
Results from operating activities		1.281.610	1.921.414
Finance income		1.962.236	326.655
Finance costs		(501.418)	(1.424.188)
Changes in fair value of swap contracts		463.357	(20.018)
Changes in fair value of embedded derivatives	18	(4.138.090)	(200.736)
Net finance expense	10	(2.213.915)	(1.318.287)
Share of profit of associates	15	390.765	170.274
(Loss) profit before income tax		(541.540)	773.401
Income tax recovery (expense)	11	186.461	(120.625)
(Loss) profit for the year		(355.079)	652.776
Other comprehensive (loss) income			
Items that will never be reclassified to profit or loss			
Revaluation of operating assets	12	0	6.090.242
Remeasurement of defined benefit liability	27	(37.765)	(66.072)
Tax on items that will never be reclassified to profit or loss		7.553	(1.204.835)
		(30.212)	4.819.335
Items that may be reclassified subsequently to profit or loss			
Foreign currency translation difference on associates		(48.528)	36.923
Other comprehensive (loss) income, net of tax		(78.740)	4.856.259
Total comprehensive (loss) income for the year		(433.819)	5.509.035
Earnings per share			
Basic and diluted (loss) earnings per share	25	(0,05)	0,08

Notes on pages 10 to 44 are an integral part of these financial statements

Financial Statements 31 December 2013 of HS Orka hf. 6 All amounts are in thousands of ISK

Statement of Financial Position
as at 31 December 2013

Assets	Note	2013	2012
Operating assets	12	31.422.097	31.494.192
Operating assets under construction	13	3.841.191	3.664.287
Intangible assets	14	1.050.738	990.063
Investments in associates	15	863.619	740.937
Investments in other companies	16	27.075	27.075
Bonds	17	313.586	363.028
Embedded derivatives in power sales contracts	18	260.580	4.071.213
Prepaid lease and royalty fee	20	492.449	475.166
Long term receivable	21	331.364	289.646
Total non-current assets		38.602.699	42.115.607
Inventories		414.388	414.088
Bonds	17	81.532	78.740
Trade and other receivables	21	1.003.885	1.234.576
Embedded derivatives in power sales contracts	18	0	189.458
Short term investments	22	357.020	565.800
Cash and cash equivalents	23	4.413.403	5.227.728
Total current assets		6.270.228	7.710.390
Total assets		44.872.927	49.825.997
Equity			
Share capital		7.841.124	7.841.124
Share premium		7.038.855	7.038.855
Translation reserve		285.937	334.465
Revaluation reserve		6.142.790	6.443.110
Retained earnings		4.712.178	4.947.149
Total equity	24	26.020.884	26.604.703
Liabilities			
Loans and borrowings	26	12.299.097	16.007.219
Pension obligations	27	1.792.000	1.726.700
Deferred tax liability	19	631.964	825.978
Currency and interest rate swap contracts	28	263.495	677.508
Total non-current liabilities		14.986.556	19.237.405
Loans and borrowings	26	2.221.609	2.381.334
Trade and other payables	29	1.094.759	1.142.086
Embedded derivatives in power sales contracts	18	137.999	0
Currency and interest rate swap contracts	28	411.120	460.469
Total current liabilities		3.865.487	3.983.889
Total liabilities		18.852.043	23.221.294
Total equity and liabilities		44.872.927	49.825.997

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Statement of Changes in Equity
for the year ended 31 December 2013

	Share capital	Share premium	Translation reserve	Revaluation reserve	Retained earnings	Total
2012						
Equity at 1 January 2012	6.962.919	3.218.660	297.542	1.647.187	4.270.960	16.397.268
Profit for the year					652.776	652.776
Other comprehensive income (loss)			36.923	4.872.194	(52.858)	4.856.259
Total comprehensive income			36.923	4.872.194	599.918	5.509.034
Revaluation reserve transferred to retained earnings				(76.271)	76.271	0
Share capital increase	878.205	3.820.195				4.698.401
Equity at 31 December 2012	7.841.124	7.038.855	334.465	6.443.110	4.947.149	26.604.703
2013						
Equity at 1 January 2013	7.841.124	7.038.855	334.465	6.443.110	4.947.149	26.604.703
Loss for the year					(355.079)	(355.079)
Other comprehensive loss			(48.528)		(30.212)	(78.740)
Total comprehensive loss			(48.528)		(385.291)	(433.819)
Revaluation reserve transferred to retained earnings				(300.320)	300.320	0
Dividends declared ISK 0.02 per share ..					(150.000)	(150.000)
Equity at 31 December 2013	7.841.124	7.038.855	285.937	6.142.790	4.712.178	26.020.884

Notes on pages 10 to 44 are an integral part of these financial statements

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Statement of Cash Flows
for the year ended 31 December 2013

	Note	2013	2012
Cash flows from operating activities			
(Loss) profit for the period		(355.079)	652.776
Adjustments:			
(Profit) loss on sale of operating assets		16	(5.203)
Increase in pension obligations	27	27.535	84.128
Depreciation and amortization		1.321.444	1.001.834
Net finance expenses	10	2.213.915	1.318.287
Share of profit of associates	15	(390.765)	(170.274)
Income tax (recovery) expense	11	(186.461)	120.625
		2.630.605	3.002.173
Inventories, increase		(300)	(45.702)
Receivables, decrease (increase)		242.313	(150.918)
Current liabilities, (decrease) increase		(12.478)	45.638
Net cash from operations before interest and taxes		2.860.140	2.851.191
Interest income received		233.150	185.976
Interest and indexation costs paid		(442.597)	(460.978)
Net cash from operating activities		2.650.693	2.576.189
Cash flows from investing activities			
Acquisition of operating assets and assets under construction		(1.412.756)	(706.634)
Payments for operating assets acquired in prior year		0	(174.394)
Proceeds from sale of operating assets		950	6.393
Acquisition of intangible assets		(75.136)	(24.177)
Acquisition of shares in associates		(25.000)	(43.638)
Sale of shares in associates		27.457	0
Dividend received from associates		217.099	161.802
Proceeds from sale (investment) of short term investments		232.411	(550.000)
Proceeds from repayment of bonds		82.562	78.514
Net cash used in investing activities		(952.413)	(1.252.134)
Cash flows from financing activities			
Share capital increase		0	4.698.401
Paid dividends		(150.000)	0
Repayment of borrowings		(2.266.454)	(2.149.166)
Net cash (used in) provided by financing activities		(2.416.454)	2.549.235
(Decrease) Increase in cash and cash equivalents		(718.174)	3.873.290
Cash and cash equivalents at 1 January		5.227.728	1.304.714
Effect of exchange rate fluctuations on cash held		(96.151)	49.724
Cash and cash equivalents at 31 December		4.413.403	5.227.728
Investing and financing activities not affecting cash flows			
Dividend from associate		0	18.502
Current receivables		0	(3.701)
Acquisition of shares in associate		0	(14.801)

Notes on pages 10 to 44 are an integral part of these financial statements

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Notes to the Financial Statements

1. Reporting entity

HS Orka hf. is a limited liability company domiciled in Iceland. The Company's registered office address is Brekkustígur 36, Reykjanesbær, Iceland. The Company generates and sells electricity as well as hot water for heating. The Company is a subsidiary of Magma Energy Sweden AB. The financial statements of the Company are part of the consolidated financial statements of the ultimate parent company Alterra Power Corp., headquartered in Canada.

The financial statements of the Company includes its share of associates accounted for on an equity basis of accounting.

2. Basis of preparation

a. Statement of compliance

The Company's financial statements are prepared according to IFRS as adopted by the EU and additional Icelandic disclosure requirement in accordance with Icelandic financial statement act no. 3/2006.

These financial statements were authorized for issue by the Board of Directors on 25 February 2014.

b. Basis of measurement

The financial statements have been prepared on the historical cost, except for the following material items in the statement of financial position:

- the majority of operating assets are recognized at revalued cost, which is their fair value at the revaluation date
- derivative financial instruments are measured at fair value (currency and interest rate swaps)
- embedded derivatives in power sales contracts are measured at fair value
- defined benefit pension obligations measured at the present value of the pension obligation
- financial instruments at fair value through profit or loss are measured at fair value (bonds and shares)

c. Functional and presentation currency

These financial statements are presented in Icelandic kronas (ISK), which is the Company's functional currency. All financial information presented in ISK has been rounded to the nearest thousand except when otherwise indicated.

d. Use of estimates and judgments

The preparation of financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual future outcomes may differ from present estimates and assumptions potentially having a material future effect on the Company´s historical experience and other facts and circumstances. Revisions to estimates and the resulting effects on the carrying amounts of the Company's assets and liabilities are accounted for prospectively.

Actual future outcomes could differ from present estimates and assumptions, potentially having a material future effect on the Company´s historical experience and other facts and circumstances.

Information about critical judgments in applying accounting policies that have the most significant effect on the amounts recognized in the financial statements is included in the following notes:

- Note 11 - income taxes
- Note 12 - amortization of operating assets
- Notes 13 and 14 - impairment of geothermal development assets and assets under construction
- Notes 18 and 30 - fair value of embedded derivatives in power sales agreements
- Note 27 - pension obligations
- Note 28 - currency and interest rate swap contracts

2. Basis of preparation, continued:

Information about assumptions and estimates that have a significant risk of resulting in a material adjustment within the next financial year are included in the following notes:

- Note 12 - operating assets
- Note 13 - operating assets under construction
- Note 14 - intangible assets
- Note 17 - bonds
- Notes 18 and 30 - fair value of embedded derivatives in power sales agreements
- Note 19 - deferred tax assets (liabilities)
- Note 21 - provisions for bad debts
- Note 27 - pension obligations
- Note 28 - currency and interest rate swap contracts

e. Measurement of fair values

A number of the Company's accounting policies and disclosures require the measurement of fair values, for both financial and non-financial assets and liabilities.

The Company has an established control framework with respect to the measurement of fair values. This includes staff members from finance department that have overall responsibility for overseeing all significant fair value measurements, including Level 3 fair values, and reports directly to the CFO.

The finance department regularly reviews significant unobservable inputs and valuation adjustments. If third party information, such as broker quotes or pricing services, is used to measure fair values, then the finance department staff assesses the evidence obtained from the third parties to support the conclusion that such valuations meet the requirements of IFRS, including the level in the fair value hierarchy in which such valuations should be classified.

Significant valuation issues are reported to the Company's Audit Committee.

When measuring the fair value of an asset or a liability, the Group uses market observable data as far as possible. Fair values are categorised into different levels in a fair value hierarchy based on the inputs used in the valuation techniques as follows:

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities.

- Level 2: inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).

- Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs).

If the inputs used to measure the fair value of an asset or a liability might be categorised in different levels of the fair value hierarchy, then the fair value measurement is categorised in its entirety in the same level of the fair value hierarchy as the lowest level input that is significant to the entire measurement.

The Group recognises transfers between levels of the fair value hierarchy at the end of the reporting period during which the change has occurred.

Further information about the assumptions made in measuring fair values is included in the following notes:

- Note 12 - operating assets
- Note 17 - bonds
- Note 18 - embedded derivatives in power sales agreements
- Note 28 - currency and interest rate swap contracts
- Note 30 - financial instruments

3. Significant accounting policies

Except for the changes below, the Company has consistently applied the accounting policies set out in this note to all periods presented in these financial statements.

Changes in accounting policies

The Company has adopted all new standards and amendments to standards with a date of initial application prior to or on 1 January 2013 that have been approved by the EU. Of those standards and amendments the following had effects on these financial statments.

IFRS 13, *Fair Value Measurement*
IAS 19, *Employee benefits*
Presentation of Items of Other Comprehensive income (Amendments to IAS 1)

i) IFRS 13

IFRS 13 establishes a single framework for measuring fair value and making disclosures about fair value measurements, when such measurements are required or permitted by other IFRSs. In particular, it unifies the definition of fair value as the price at which an orderly transaction to sell an asset or to transfer a liability would take place between market participants at the measurement date. It also replaces and expands the disclosure requirements about fair value measurements in other IFRSs, including IFRS 7 *Financial Instruments: Disclosures.* As a result, the Group has included disclosures in this regard.

In accordance with the transitional provisions of IFRS 13, the Company has applied the new fair value measurement guidance prospectively, and has not provided any comparative information for disclosures that were not previously required. Notwithstanding the above the change had no impact on the measurement of the Company assets and liabilities.

ii) IAS 19

As a result of IAS 19 (2011), the Company has changed its accounting policy with respect to presentation of income or expense related to defined benefit pension plans.

Under IAS 19 (2011) it is required to present actuarial gains and losses in other comprehensive income. Comparatives have been restated to reflect the new accounting policy. The effects of the change were that production cost and cost of sales in the year 2012 decreased by ISK 66 million and income tax expense increased by ISK 13 million in the year 2012. As a result other comprehensive profit for the year 2012 decreased by ISK 53 million.

iii) Presentation of Items of Other Comprehensive income

As a result of amendments to IAS 1, the Company has modified the presentation of items of other comprehensive income in its statement of comprehensive income, to present separately items that would be reclassified to profit or loss in the future from those that never would be. Comparative information has also been re-presented accordingly.

The adoption of the amendments to IAS 1 has no impact on the recognised assets, liabilities and comprehensive income of the Company.

3. Significant accounting policies, continued

a. Investment in associates

Associates are those entities in which the Company has significant influence, but not control, over their financial and operating policies. Significant influence is presumed to exist when the Company holds between 20 and 50 percent of the voting power of another entity.

Investments in associates are accounted for using the equity method and are recognized initially at cost. The cost of the investment includes transaction costs.

The financial statements include the Company's share of the profit or loss and other comprehensive income, after adjustments to align the accounting policies with those of the Company, from the date that significant influence or joint control commences until the date that significant influence ceases.

When the Company's share of losses exceeds its interest in an equity-accounted investee, the carrying amount of that interest, including any long-term investments, is reduced to zero, and the recognition of further losses is discontinued except to the extent that the Company has an obligation or has made payments on behalf of the investee.

Unrealized gains arising from transactions with associates are eliminated against the investment to the extent of the Company's interest in the associate. Unrealized losses are eliminated in the same way as unrealized gains, but only to the extent that there is no evidence of impairment.

b. Foreign currency

Foreign currency transactions

Transactions in foreign currencies are translated to the functional currency of the Company at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are retranslated to the functional currency at the exchange rate at that date. The foreign currency gain or loss on monetary items is the difference between amortized cost in the functional currency at the beginning of the period, adjusted for effective interest and payments during the period, and the amortized cost in foreign currency translated at the exchange rate at the end of the year. Non-monetary assets and liabilities denominated in foreign currencies that are measured at fair value are retranslated to the functional currency at the exchange rate at the date that the fair value was determined. Foreign currency differences arising on retranslation are recognized in profit or loss. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rate at the date of the transaction.

c. Financial instruments

(i) Non-derivative financial assets

The Company initially recognizes loans and receivables and bank deposits on the date that they are originated. All other financial assets (including assets designated at fair value through profit or loss) are recognized initially on the trade date, which is the date the Company becomes a party to the contractual provisions of the instrument.

The Company derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or it transfers the rights to receive the contractual cash flows on the financial asset in a transaction in which substantially all the risks and rewards of ownership of the financial asset are transferred. Any interest in transferred financial assets that is created or retained by the Company is recognized as a separate asset or liability.

Financial assets and liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Company has a legal right to offset the amounts and intends either to settle on a net basis or to realize the asset and settle the liability simultaneously.

The Company classifies non-derivative financial assets into the following categories: financial assets at fair value through profit or loss and loans and receivables.

3. Significant accounting policies, continued:

Financial assets at fair value through profit or loss
A financial asset is classified at fair value through profit or loss if it is classified as held for trading or is designated as such upon initial recognition. Financial assets are designated at fair value through profit or loss if (a) such financial assets eliminate or significantly reduces accounting mismatch, (b) the Company manages such investments and makes purchase and sale decisions based on their fair value in accordance with the Company's documented risk management or investment strategy, and (c) the financial assets contains one or more embedded derivatives. Attributable transaction costs are recognized in profit or loss as incurred. Financial assets at fair value through profit or loss are measured at fair value, and changes therein are recognized in profit or loss.

Financial assets at fair value through profit or loss comprise investment in other companies, bond assets and short term investments.

Loans and receivables
Loans and receivables are financial assets with fixed or determinable payments that are not quoted in an active market. Such assets are recognized initially at fair value plus any directly attributable transaction costs. Subsequent to initial recognition loans and receivables are measured at amortized cost using the effective interest method, less any impairment losses.

Loans and receivables comprise cash and cash equivalents and trade and other receivables.

Cash and cash equivalents comprise cash balances and call deposits with original maturities of three months or less.

(ii) Non-derivative financial liabilities

The Company initially recognizes debt securities issued on the date that they are originated. All other financial liabilities are recognized initially on the trade date at which the Company becomes a party to the contractual provisions of the instrument.

The Company derecognizes a financial liability when its contractual obligations are discharged or cancelled or expire.

Financial assets and liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Company has a legal right to offset the amounts and intends either to settle on a net basis or to realize the asset and settle the liability simultaneously.

The Company classifies non-derivative financial liabilities into the other financial liabilities category. Such financial liabilities are recognized initially at fair value plus any directly attributable transaction costs. Subsequent to initial recognition these financial liabilities are measured at amortized cost using the effective interest method.

Financial liabilities other than derivatives comprise loans and borrowings and trade and other payables.

(iii) Derivative financial instruments

Derivatives are recognized initially at fair value; attributable transaction costs are recognized in profit or loss as incurred. Subsequent to initial recognition, derivatives (including embedded derivatives) are measured at fair value in the statement of financial position and changes in fair value are recognized in profit or loss as part of financial income or cost.

Separable embedded derivatives
Embedded derivatives are separated from the host contract and accounted for separately if the economic characteristics and risks of the host contract and the embedded derivative are not closely related, a separate instrument with the same terms as the embedded derivative would meet the definition of a derivative, and the combined instrument is not measured at fair value through profit or loss.

HS Orka has two long-term power sales agreements which contain embedded derivatives. Income from these agreements is directly correlated to changes in the future price of aluminum.

3. Significant accounting policies, continued:

c. Financial instruments, continued:

(iv) Share capital

Ordinary shares

Incremental costs directly attributable to issuance of ordinary shares are recognized as a deduction from equity, net of any tax effects.

d. Operating assets

(i) Recognition and measurement

Items of operating assets are measured at cost or revalued cost less accumulated depreciation and accumulated impairment losses.

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

The Company's power plants and real estate holdings are measured at revalued cost in the statement of financial position. The revalued cost is the fair value at the revaluation date less accumulated depreciation. Revaluation is carried out on a regular basis. Any increase in the carrying amount of operating assets as a result of a revaluation is recognized in equity under the heading of revaluation reserve net of income tax. Depreciation of the revalued cost is recognized in profit or loss and an adjustment reflecting this amount is transferred annually from the revaluation reserve to retained earnings.

When parts of an item of operating assets has different useful lives, they are accounted for as separate items of operating assets.

Gains and losses on disposal of an item of operating assets are determined by comparing the proceeds from disposal with the carrying amount of operating assets, and are recognized on a net basis within other income or other expenses in profit or loss. When revalued assets are sold, the amounts included in the revaluation reserve are transferred to retained earnings.

(ii) Subsequent costs

Subsequent expenditure is capitalised only when it is probable that the future economic benefits associated with the expenditure will flow to the Company. Ongoing repairs and maintenance are expensed as incurred.

3. Significant accounting policies, continued:

d. Operating assets, continued:

(iii) Depreciation

Depreciation is based on the cost or revalued cost of an asset less its residual value. Significant components of individual assets are assessed and if a component has a useful life that is different from the remainder of that asset, that component is depreciated separately.

Depreciation is recognized in profit or loss on a straight-line basis over the estimated useful lives of each component of an item of operating assets. Land is not depreciated.

Operating assets are depreciated from the date they are installed and are ready for use, or in respect of internally constructed assets, from the date the asset is completed and ready for use.

The estimated useful lives for the current and comparative year are as follows:

Power plants	40 years
Boreholes	20 years
Electrical systems	50 years
Hot water and cold water distribution systems	50 years
Real estate	50 years
Other operating assets	5 - 20 years

Depreciation methods, useful lives and residual values are reviewed at each reporting date and adjusted if appropriate.

e. Intangible assets

(i) Research and development

Expenditure on research or activities, undertaken with the prospect of surveying geothermal areas where geothermal resource is uncertain, and in order to gain new scientific or technical knowledge, is recognized in profit or loss when incurred.

Development activities involve surveys of geothermal areas where there is probability of future development and power production. Development expenditure is capitalized only if development costs can be measured reliably, the product or process is technically and commercially feasible, future economic benefits are probable, and the Company intends to and has sufficient resources to complete development and to use or sell the asset. The expenditure capitalized includes the cost of materials, direct labour, overhead costs that are directly attributable to preparing the asset for its intended use, and capitalized borrowing costs. Other development expenditure is recognized in profit or loss as incurred.

When a decision on producing power or harnessing of geothermal areas has been made and all required licenses have been obtained the preparation cost due to harnessing or production of power is transferred to operating assets under construction.

Capitalized development expenditure is measured at cost less accumulated impairment losses. Research assets are tested annually for impairment

(ii) Other intangible assets

Other intangible assets that are acquired by the Company, including software, which have finite useful lives are measured at cost less accumulated amortization and accumulated impairment losses.

(iii) Subsequent expenditure

Subsequent expenditure is capitalized only when it increases the future economic benefits embodied in the specific asset to which it relates. All other expenditure is recognized in profit or loss when incurred.

3. Significant accounting policies, continued:

e. Intangible assets, continued:

(iv) Amortization

Amortization is based on the cost of an asset less its residual value.

Amortization is recognized in profit or loss on a straight-line basis over the estimated useful lives of intangible assets from the date that they are available for use. The estimated useful lives for the current and comparative years are as follows:

Software	5-10 years

Amortization methods, useful lives and residual values are reviewed at each reporting date and adjusted if appropriate.

f. Leased assets

Leases are operating leases and the leased assets are not recognized on the Company's statement of financial position.

g. Inventories

Inventories are measured at the lower of cost and net realizable value. The cost of inventories is based on the first-in first-out principle, and includes expenditure incurred in acquiring the inventories and bringing them to their existing location and condition. Net realizable value is the estimated selling price in the ordinary course of business less the estimated cost of completion and selling expenses.

h. Impairment

(i) Non-derivative financial assets

A financial asset not classified as at fair value through profit or loss, including an interest in an equity-accounted investee, is assessed at each reporting date to determine whether there is objective evidence that it is impaired. A financial asset is impaired if there is objective evidence of impairment as a result of one or more events that occurred after the initial recognition of the asset, and that loss event(s) had an impact on the estimated future cash flows of that asset that can be estimated reliably.

In assessing collective impairment the Company uses historical trends of the probability of default, timing of recoveries and the amount of loss incurred, adjusted for management's judgment as to whether current economic and credit conditions are such that the actual losses are likely to be greater or less than suggested by historical trends. In addition, for an investment in an equity security, a significant or prolonged decline in its fair value below its cost is objective evidence of impairment. The Company considers a decline of 20 percent to be significant and a period of 9 months to be prolonged.

(ii) Non-financial assets

The carrying amounts of the Company's non-financial assets, other than inventories and deferred tax assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists then the asset's recoverable amount is estimated. For intangible assets that are not yet available for use, the recoverable amount is estimated each year at the same time.

Impairment is recognized if the carrying amount of an asset exceeds its estimated recoverable amount. Impairment loss of revalued operating assets is recognized in equity under revaluation reserve up to the value of the reserve, after which they are recognized in profit or loss. Impairment losses of other assets are recognized in profit or loss.

The recoverable amount of an asset is the greater of its value in use and its fair value less costs to sell. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset.

An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

3. Significant accounting policies, continued:

i. Employee benefits

(i) Defined contribution plans

A defined contribution plan is a post-employment benefit plan under which an entity pays fixed contributions into a separate entity and will have no legal or constructive obligation to pay further amounts. Obligations for contributions to defined contribution pension plans are recognized as an employee benefit expense in profit or loss in the periods during which services are rendered by employees. Prepaid contributions are recognized as an asset to the extent that a cash refund or a reduction in future payments is available.

(ii) Defined benefit plans

The Company's net obligation in respect of defined benefit pension plans or pension fund commitment is calculated separately for each plan by estimating the amount of future benefit that current and former employees have earned in return for their service in the current and prior periods. That benefit is discounted to determine its present value. The calculation is performed annually by qualified actuaries using a method based on earned benefits. Remeasurements of the net defined liabilities related to actuarial gains and losses are recognised in OCI, other expenses related to the defined benefit plans are recognized as incurred in profit or loss.

j. Provisions

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

k. Revenue

Revenue from the sale of electricity and hot water along with power transmission are recognized in profit or loss based on recorded measurement of delivery during the period. Between measurements, usage is estimated based on prior period usage.

Service revenues from HS Veitur hf. are based on a service contract and recognized in profit or loss when service has been provided.

Other revenues are recognized when the goods or services are delivered.

l. Lease payments

Payments under operating leases are recognized in profit or loss on a straight-line basis over the term of the lease.

m. Net finance income (costs)

Finance income is comprised of interest income on funds invested, dividend income from investment in other companies, changes in the fair value of financial assets at fair value through profit or loss, foreign currency gains and gains on derivatives that are recognized in profit or loss. Interest income is recognized as it accrues in profit or loss, using the effective interest method. Dividend income is recognized on the date that the Company’s right to receive payment is established.

Finance costs are comprised of interest expense on borrowings, unwinding of the discount on provisions, foreign currency losses, losses on derivatives that are recognized in profit or loss, changes in the fair value of financial assets at fair value through profit or loss, and impairment losses recognized on financial assets other than trade receivables. Borrowing costs that are not directly attributable to the acquisition, construction or production of a qualifying asset are recognized in profit or loss using the effective interest method.

Foreign currency gains and losses are reported on a net basis as either finance income or finance costs depending on whether foreign currency movements are in a net gain or net loss position.

3. Significant accounting policies, continued:

n. Income tax

Income tax expense is comprised of current and deferred tax. Current tax and deferred tax are recognized in profit or loss except to the extent that it relates to items recognized directly in equity or in other comprehensive income.

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

Deferred tax is recognized using the balance sheet method, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority.

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

o. Earnings per share

The Company presents basic and diluted earnings per share (EPS) data for its ordinary shares. Basic EPS is calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the period. Diluted EPS equals to basic EPS as the Company has not issued convertible notes nor granted share options.

p. Segment reporting

An operating segment is a component of the Company that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses that relate to transactions with any of the Company’s other components. All operating segments’ operating results, for which discrete financial information is available, are reviewed regularly by the Company’s management to make decisions about resources to be allocated to the segment and assess its performance, and for which discrete financial information is available.

q. New standards and interpretations

A number of new standards, amendments to standards and interpretations are effective for annual periods beginning after 1 January 2013, and have not been applied in preparing these financial statements. None of these is expected to have a significant effect on the financial statements of the Company.

4. Segment reporting

The Company has three operating segments that are described below:

Power Production

Includes production and sale of electricity, heating water and fresh water from subterranean steam.

Electricity Sale

Includes purchases and sale of electricity to users other than mass users and power companies.

Other

Includes sale of service, rental of facilities and equipment, and other sales.

Year 2013	**Power production**	**Electricity sale**	**Other**	**Total**
External revenue	3.022.135	3.046.218	963.037	7.031.390
Inter-segment revenue	1.526.573			1.526.573
Total segment revenue	4.548.708	3.046.218	963.037	8.557.963
Segment operating results	949.510	266.761	65.339	1.281.610
Unallocated items				
Net finance expenses				(2.213.915)
Share of profit of associates				390.765
Income tax recovery				186.461
Loss for the period				(355.079)
Segment assets	35.732.144	45.590	536.292	36.314.026
Unallocated assets				8.558.901
Total assets				44.872.927
Unallocated liabilities				18.852.043
Capital expenditures	1.473.430	3.234	11.230	1.487.894
Depreciation and amortization	1.282.836	6.003	32.605	1.321.444

Year 2012				
External revenue	3.157.068	2.714.883	1.008.626	6.880.577
Inter-segment revenue	1.446.708			1.446.708
Total segment revenue	4.603.776	2.714.883	1.008.626	8.327.285
Segment operating results	1.674.650	189.763	57.001	1.921.414
Unallocated items				
Net finance expenses				(1.318.287)
Share of profit of associates				170.274
Income tax expense				(120.625)
Profit for the period				652.776
Segment assets	35.543.225	47.988	557.329	36.148.542
Unallocated assets				13.677.455
Total assets				49.825.997
Unallocated liabilities				23.221.294
Capital expenditures	718.418	2.880	9.513	730.811
Depreciation and amortization	962.272	6.385	33.177	1.001.834

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4. Segment reporting, continued.:

Power production

Revenues in the power production segment are specified as follows:

Year 2013	Electricity	Hot water	Other	Total
External revenue	2.092.443	743.448	186.244	3.022.135
Inter-segment revenue	1.526.573			1.526.573
Total segment revenue	3.619.016	743.448	186.244	4.548.708
Year 2012				
External revenue	2.324.925	659.049	173.094	3.157.068
Inter-segment revenue	1.446.708			1.446.708
Total segment revenue	3.771.633	659.049	173.094	4.603.776

5. Major customers

Revenues from one customer of the Company's power production segment amounted to ISK 1,820 million (2012: ISK 2,065 million).

Revenues from HS Veitur hf. were as follows:

	Power production	Electricity sale	Other	Total
Revenues 2013	802.077	293.623	869.176	1.964.876
Revenues 2012	718.756	249.489	862.067	1.830.312

6. Production cost and cost of sales

Production cost and cost of sales are specified as follows:

	2013	2012
Production cost	3.273.318	2.611.469
Cost of sales	1.133.491	962.890
Cost of service	905.779	951.625
Total production cost and cost of sales	5.312.588	4.525.984

Production cost and cost of sales are specified as follows based on nature of cost:

Salaries and related expenses	1.065.014	1.074.334
Depreciation	1.307.927	987.937
Power puchases	1.097.264	943.884
Transmission	522.440	461.712
Maintenance and other	1.319.943	1.058.117
Total production cost and cost of sales	5.312.588	4.525.984

7. Other operating expenses

Operating expenses specifies as follows:

Salaries and related expenses	197.646	156.687
Increase in pension fund obligation	23.583	61.480
Administrative expenses	202.448	201.115
Depreciation and amortization	13.515	13.897
Total other operating expenses	437.192	433.179

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8. Salaries and related expenses

Salaries and salary related expenses are as follows:

	2013	2012
Salaries	1.057.629	993.740
Contribution to defined contribution fund	109.819	104.663
Increase in pension obligation	65.300	150.200
Other salary related expenses	143.423	143.707
Total salaries and salary related expenses	1.376.171	1.392.310
Average number of full time employees equivalent	134	135

Salaries and salary related expenses including changes in pension obligations are allocated as follows:

	2013	2012
Capitalized on projects	52.163	33.737
Production cost and cost of sale	1.065.014	1.074.334
Other operating expenses	221.229	218.167
Recognized in other comprehensive income	37.765	66.072
Total salaries and salary related expenses	1.376.171	1.392.310

Salaries paid to the Board of Directors and Management amounted to ISK 87 million in 2013 (2012: ISK 52 million).

9. Depreciation, amortization and impairment

Depreciation, amortization and impairment is specified as follows:

	2013	2012
Depreciation of operating assets, see note 12	1.306.981	985.022
Amortization of intangible assets, see note 14	14.461	16.812
Depreciation and amortization recognized in the income statement	1.321.442	1.001.834

Depreciation and amortization is allocated as follows:

	2013	2012
Production cost and cost of sales	1.307.927	987.937
Other operating expenses	13.515	13.897
Depreciation and amortization recognized in the income statement	1.321.442	1.001.834

10. Finance income and costs

Finance income and costs is specified as follows:

	2013	2012
Interest income on loans and receivables	300.455	266.201
Fair value changes on financial assets through profit or loss	59.605	60.454
Net foreign exchange gain	1.602.176	0
Total finance income	1.962.236	326.655
Interest expense	(414.777)	(518.075)
Indexation	(86.641)	(123.852)
Net foreign exchange loss	0	(782.261)
Total finance costs	(501.418)	(1.424.188)
Changes in fair value of swap contracts	463.357	(20.018)
Changes in fair value of embedded derivatives	(4.138.090)	(200.736)
Net finance expenses	(2.213.915)	(1.318.287)

Capitalized interest amounted to ISK 0 million during the year (2012: ISK 27 million).

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11. Income tax

Income tax expense recognised in profit and loss is specified as follows:

	2013	2012
Origination and reversal of temporary difference	186.461	(120.625)

Effective tax rate is specified as follows:	2013	2012
Profit (loss) for the year	(355.079)	652.776
Income tax	(186.461)	120.625
Profit (loss) before income tax	(541.540)	773.401

		2013		2012
Income tax according to current tax rate	20,0%	108.308	20,0%	(154.680)
Effect of associates	14,4%	78.153	(4,4%)	34.055
Effective income tax rate	34,4%	186.461	15,6%	(120.625)

Income tax expense recognised in OCI is specified as follows:

	2013	2012
Income tax on revaluation on operating assets	0	1.218.048
Tax on other items that will never be reclassified to profit or loss	7.553	(13.214)
	7.553	1.204.834

12. Operating assets

Impairment testing

Management reviewed whether there was an indication of impairment of the Company's operating assets at the year end 2013 and management concluded that there was no indication of impairment.

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12. Operating assets, continued:

Operating assets are specified as follows:

	Power plants	Other operating assets	Total
Cost			
Balance at 1.1.2012	27.096.245	1.651.423	28.747.668
Additions during the year	525.770	61.043	586.813
Disposals	0	(169.972)	(169.972)
Revaluation 31.12.2012	6.090.242	0	6.090.242
Depreciation adjustment	(3.685.167)	0	(3.685.167)
Balance at 31.12.2012	30.027.090	1.542.494	31.569.584
Additions during the year	1.204.382	31.471	1.235.853
Disposals	0	(1.200)	(1.200)
Balance at 31.12.2013	31.231.472	1.572.765	32.804.237
Depreciation			
Balance at 1.1.2012	2.739.646	204.673	2.944.319
Depreciation for the year	945.521	39.501	985.022
Disposals	0	(168.782)	(168.782)
Depreciation adjustment	(3.685.167)	0	(3.685.167)
Balance at 31.12.2012	0	75.392	75.392
Depreciation for the year	1.267.481	39.500	1.306.981
Disposals	0	(234)	(234)
Balance at 31.12.2013	1.267.481	114.658	1.382.139
Net book value			
1.1.2012	24.356.599	1.446.750	25.803.349
31.12.2012	30.027.090	1.467.102	31.494.192
31.12.2013	29.963.991	1.458.106	31.422.097
Net book value without revaluation			
1.1.2012	22.391.779	1.352.587	23.744.366
31.12.2012	22.058.232	1.382.073	23.440.305
31.12.2013	22.356.043	1.387.569	23.743.612

Other operating assets include capitalized land and buildings with the carrying amount of ISK 1,092 million (2012: ISK 1,108 million). The Company´s power plants were revalued on 31 December 2012. Other property´s were revalued to fair value at 1 January 2008.

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12. Operating assets, continued:

Capital commitments

The Company anticipates that it will need to invest in a new discharge pipe system for Svartsengi in the next 3 years and the majority of the investment will be in the years 2014 - 2015. Once the discharge system is designed, built and in full operation additional geothermal fluid can be extracted from the reservoir resulting in increased power generation estimated to be approximately 5 MW from already installed turbine generators.

Pledge of assets

The Company's power plants at Reykjanes and Svartsengi are pledged to secure bank loans in the amount of ISK 12,182 million (2012: ISK 15,581 million).

Rateable value and insurance value

Rateable value of the Company's buildings amounted to ISK 2,332 million at year-end 2013 (2012: ISK 2,190 million) and land measured at rateable value amounted to ISK 1,653 million (2012: ISK 1,442 million). Insurance value of the Company's assets amounted to ISK 44,242 million (2012: ISK 37,985 million).

13. Operating assets under construction

Operating assets under construction are specified as follows:	2013	2012
Net book value 1.1.	3.664.287	3.544.465
Additions	176.904	119.822
Net book value 31.12.	3.841.191	3.664.287

Indication of impairment

Operating assets under construction represents capitalized cost related to an expansion to the power plant at Reykjanes, which is planned to supply Norðurál Helguvík ehf. (together with its affiliates "Norðurál") (a subsidiary of Century Aluminum) with power for a new aluminum smelter in Helguvík (located in Reykjanesbær, Iceland). In 2007, HS Orka hf. and Norðurál executed a power purchase agreement on power for a new aluminum smelter in Helguvík. The agreement with Norðurál was under dispute and Norðurál initiated arbitration proceedings to determine the validity of the agreement. A conclusion was reached on 16 December 2011. According to the award the agreement from 2007 is valid but some of the conditions have not been fulfilled. Norðurál and HS Orka continue to work together to determine if the conditions will be fulfilled at some future date or if the agreement can be amended to provide for the delivery of power on revised terms.

The operating assets under construction were tested for impairment at 31 December 2013 by estimating their recoverable amount. The impairment test was based on several assumptions including delivery of power commencing in 2018. There is some uncertainty related to the future timing of the project (Reykjanes expansion) due to both negotiations with NAL, assumptions of price and market conditions, what WACC is relevant and the form of financing for the project, which could affect the recoverability of the assets.

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14. Intangible assets

Intangible assets are specified as follows:

	Software	Development cost	Total
Cost			
Balance 1.1.2012	339.965	992.694	1.332.659
Additions during the year	509	23.667	24.176
Disposals	(48.265)	0	(48.265)
Balance 31.12.2012	292.209	1.016.361	1.308.570
Additions during the year	3.064	72.072	75.136
Balance at 31.12.2013	295.273	1.088.433	1.383.706
Amortization			
Balance at 1.1.2012	203.719	146.241	349.960
Amortization for the year	16.812	0	16.812
Disposals	(48.265)	0	(48.265)
Balance at 31.12.2012	172.266	146.241	318.507
Amortization for the year	14.463	0	14.463
Balance at 31.12.2013	186.729	146.241	332.970
Book value			
1.1.2012	136.246	846.453	982.699
31.12.2012	119.944	870.121	990.065
31.12.2013	108.545	942.192	1.050.737

Impairment test 2013

Development cost includes the costs for experimental drilling at Trölladyngja, Krýsuvík and Eldvörp. Relevant costs are capitalized to the extent that it is probable that future benefits are generated in order to recover the investment. HS Orka hf. holds a research permit in these areas and according to management results from analysis to date are positive. If it becomes evident that the development cost will not be utilized by the Company to generate revenue it must be expensed as an impairment cost. Management has confirmed that the above projects are feasible and it is likely that they will generate revenues in the future. At the end of 2013 there has been no material changes to the assumption regarding impairment of intangible assets and expected returns are in excess of capitalized cost.

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15. Investments in associates

Investments in associates are as follows:

	2013		2012	
	Share	Carrying amount	Share	Carrying amount
Bláa Lónið hf. (the Blue Lagoon), Iceland	33,0%	643.280	33,2%	461.793
Hreyfing Eignarhaldsfélag ehf., Iceland	0,0%	-	23,9%	79.914
Hótel Bláa Lónið ehf., Iceland	0,0%	-	24,4%	472
Blue Lagoon International ehf., Iceland	0,0%	-	22,4%	3.139
DMM-lausnir ehf., Iceland	27,1%	17.202	22,9%	17.482
Suðurorka ehf., Iceland	50,0%	202.637	50,0%	177.637
HS Orkurannsóknir ehf., Iceland	100,0%	500	100,0%	500
Total		863.619		740.937

The Company's share in profit of its associates for the year 2013 was ISK 438 million (2012: ISK 170 million). The share in associates profit or loss is based on un-audited financial information. Currency translation difference for the year was negative in the amount of ISK 49 million (2012: positive ISK 37 million).

The Company sold during the year its shares in Hótel Bláa Lónið ehf., Blue Lagoon International ehf. with a profit of ISK 8 million. There was a loss of ISK 55 million from the sale of the shares in Hreyfing Eignarhaldsfélag ehf. The amounts shown are reflected in profit share of associates.

The Company made investments in Suðurorka ehf. in a joint venture for Bulandsvirkjun Hydro development asset during the year for ISK 25 million.

Results from HS Orkurannsóknir ehf. are not included in the share of profit of associates as the company had no operations during the year.

16. Investments in other companies

Investments in other companies are as follows:

	2013		2012	
	Share	Carrying amount	Share	Carrying amount
Keilir ehf., Iceland	10.2%	17.500	10.2%	17.500
Íslensk nýorka hf., Iceland	8.1%	9.575	8.1%	9.575
Total		27.075		27.075

17. Bonds

	2013	2012
Non-current		
Financial assets at fair value through profit or loss, Reykjanesbær bonds	313.586	363.028
	313.586	363.028
Current		
Financial assets at fair value through profit or loss, Reykjanesbær bonds	81.532	78.740
	81.532	78.740
Total	395.118	441.768

The bonds are interest-bearing financial assets designated at fair value through profit or loss, with a carrying amount of ISK 395 million at 31 December 2013 (2012: ISK 442 million) have stated interest rates of 5.0% plus indexation, are paid annual installments and mature in 2019. The bond is valued at 5.0% interest rate. Valuation of the bonds is classified as level 2 in the fair value hierarchy.

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18. Embedded derivatives in power sales agreements

In 2004 The Company signed power sales agreements with Norðurál on power supply until the year 2026. In 1999 The Company has also signed an agreement with Landsvirkjun for the sale of power until the year 2019. Payments under the agreements are made in USD and are partly linked to the price of aluminium.

These long-term power sales agreements feature embedded derivatives, the value of which is adjusted upon changes in the future price of aluminium.

In evaluating the value of embedded derivatives, generally accepted valuation methods are applied, as the market value is not available. The fair value of the power purchase agreements is calculated on the basis of the forward price of aluminium. The expected present value of cash flows based on the reporting date is calculated on the basis of the registered forward price of aluminium on the London Metal Exchange (LME) over the next 10 years after the reporting date and expectations of price trends of aluminium when a forward market ends, and growth applied to the calculation was 2.19% (2012: 1.99%). The expected present value of cash flows, from the agreements, on the agreement date is deducted from this value based on aluminium price assumptions used for the conclusion of the agreements. The difference is a fair value change of the derivative, which is recognized in profit or loss. Embedded derivatives in power purchase agreements are expected to have no value at the beginning of the agreements.

When calculating the present value the Company uses the current government yield curve for US sovereign strips plus applicable counterparty risk spread which is calculated based on the credit rating of the counterparty.

In addition, the Company has concluded that other power sale agreements that the Company holds with Landsvirkjun where the power price is based on Landsvirkjun's price list, with indexation in ISK, do not include embedded derivatives.

Fair value of embedded derivatives are as follows:	2013	2012
Fair value of embedded derivatives at 1.1.	4.260.671	4.461.407
Changes in fair value	(4.138.090)	(200.736)
Fair value of embedded derivatives at 31.12.	122.581	4.260.671

Interest rates used for determining fair value of embedded derivaties:

	2013	2012
Embedded derivatives in power purchase agreements (USD)	1.64 - 4.84%	1.90- 3.94%

For sensitivity of aluminum prices and interest rates a reference is made to note 30.

19. Deferred tax asset (liabilty)

Movement in deferred tax asset (liability) is specified as follows:

	2013	2012
Deferred tax asset (liability) on 1.1.	(825.978)	499.481
Changes recognized in profit or loss	186.461	(120.625)
Changes recognised in Other Comprehensive Income	7.553	(1.204.834)
Deferred tax (liability) on 31.12.	(631.964)	(825.978)

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19. Deferred tax asset (liability), continued:

Deferred tax asset is as follows at the year end:

	2013	2012
Operating assets	(1.200.566)	(1.250.750)
Derivatives	110.407	(648.996)
Inventories	3.399	3.398
Trade and other receivables	5.366	7.555
Pension obligation	292.127	287.411
Deferred foreign exchange loss	(161.472)	160.681
Tax losses carried forward	318.775	614.723
Deferred tax asset (liability) on 31.12.	(631.964)	(825.978)

Tax loss carry-forward can be utilized over 10 years from the date that the loss is incurred. Tax loss carry-forward at year end amounted to ISK 1,594 million (2012: ISK 3,074 million) and is useable until 2018. Management has concluded, based on its projections, that there will be sufficient taxable profit in the future to use the tax loss currently carried forward.

20. Prepaid lease and royalty fee

The Board of the Company exercised the right to convert the long term receivable with Grindavíkurbær, following the sale of land, into prepaid royalty fee and land lease. The prepaid royalty fee and land lease is classified as a long term receivable and will be expensed over the remaining life of the long term receivable (61 years).

21. Receivables

Long-term receivables

Changes in long term receivables from HS Veitur hf. are as follows:

	2013	2012
Long term receivable from HS veitur due to pension liability 1.1.	289.647	200.926
HS Veitur share of increase in pension obligation	87.317	133.517
Collected from HS Veitur	(45.600)	(44.796)
Long term receivables from HS veitur due to pension liability 31.12.	331.364	289.647

Trade and other receivables

Trade and other receivables are specified as follows:

Trade receivables	774.698	821.206
Receivable from HS veitur hf.	157.123	222.404
Allowance for bad debt	(26.830)	(37.775)
Total trade receivables	904.991	1.005.835
Other receivables	98.894	228.741
Total trade and other receivables	1.003.885	1.234.576

The Company's exposure to credit and currency risks and impairment losses related to trade and other receivables is disclosed in note 30.

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22. Short term investments

The Company has invested in short term debt securities amounting to ISK 357 million at the end of the year (2012: ISK 566 million). Fair value of short term investment is based on brokers quote.

23. Cash and cash equivalents

Cash and cash equivalents are as follows:

	2013	2012
Bank balances	4.413.403	5.227.728
Cash and cash equivalents	4.413.403	5.227.728

At year end 2013 cash in the amount of ISK 520 million (USD 4.5 million) (2012: ISK 578 million) is classified as restricted. The cash is dedicated to secure loan payments in accordance with a collateral agreement concluded in March 2010 with the Company's lenders.

The Company's exposure to interest rate risk and sensitivity analysis for financial assets and liabilities is disclosed in note 30.

24. Equity

Issued capital

Issued share capital, as stipulated in the Company’s Articles of Association, amounted to ISK 7,841 million (2012: ISK 7,841 million). One vote is attached to each share of one ISK in the Company in addition to rights to receive dividends. All issued capital has been paid for.

Outstanding number of ordinary shares

	2013	2012
Outstanding shares on 1 January	7.841.124	6.962.919
Share capital increase	0	878.205
Outstanding shares on 31 December	7.841.124	7.841.124

Share premium

Share premium represents excess of payment above nominal value (ISK 1 per share) that shareholders have paid for shares sold by the Company. According to the Icelandic Companies Act, 25% of the nominal value of share capital must be held in reserve which can not be paid out as dividend to shareholders.

Translation reserve

The translation reserve comprises of all foreign currency differences arising from the translation of the Company's proportionate share in certain associates.

Revaluation reserve

The revaluation reserve relates to the revaluation of operating assets, net of income tax. The revaluation reserve may not be distributed as dividends to the Company's shareholders.

Dividends

Dividend paid during 2013 was ISK 150 million (2012: no dividend paid).

The Board of directors proposes that dividend in the amount of ISK 150 million (ISK 0.019 per share) will be paid to shareholders during the year 2014.

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25. Earnings per share

Basic and diluted earnings (loss) per share

	2013	2012
(Loss) profit for the year	(355.079)	652.776

Weighted average number of ordinary shares

	2013	2012
Shares on 1 January	7.841.124	6.962.919
Effect of share capital increase	0	731.838
Weighted average number of ordinary shares	7.841.124	7.694.757
Basic and diluted (loss) earnings per share	(0,05)	0,08

26. Loans and borrowings

This note provides information about the contractual terms of the Company's interest-bearing loans and borrowings, which are measured at amortized cost. For more information about the Company's exposure to interest rate, foreign currency and liquidity risk, see note 30.

	2013	2012
Non-current debt		
Unsecured bank loans	385.044	424.306
Secured bank loans with covenants	12.181.758	15.581.345
Unsecured bond issue	1.953.904	2.382.902
Current maturities	(2.221.609)	(2.381.334)
Non-current debt	12.299.097	16.007.219
Current debt		
Current maturities	2.221.609	2.381.334
Current loans and borrowings	2.221.609	2.381.334
Total interest-bearing loans and borrowing	14.520.706	18.388.553

Terms of loans and borrowings

Loans in foreign currency:		2013		2012	
	Final due date	Weighted average interest rate	Carrying amount	Weighted average interest rate	Carrying amount
Loans in USD	2019-2023	2,1%	2.479.299	2,3%	3.173.652
Loans in CHF	2021-2022	2,1%	3.852.216	2,2%	4.731.696
Loans in EUR	2019-2021	2,9%	2.614.025	3,0%	3.243.444
Loans in JPY	2021-2023	1,4%	1.177.993	1,5%	1.798.494
Loans in CAD	2021-2023	1,8%	1.039.731	1,8%	1.375.244
Loans in SEK	2021	3,8%	675.187	4,8%	836.173
Loans in GBP	2021	0,8%	343.308	1,1%	422.642
			12.181.759		15.581.345
Loans in ISK:					
Indexed loans in ISK	2016-2017	4,0%	2.062.205	4,0%	2.515.097
Other loans in ISK	2031	6,8%	276.742	6,4%	292.116
			2.338.947		2.807.213
Total interest-bearing loans and borrowings			14.520.706		18.388.558

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Notes, continued:

26. Loans and borrowings, continued:

Annual maturities of loans and borrowings are as follows:

	2013	2012
Year 2014/2013	2.221.609	2.381.334
Year 2015/2014	2.244.195	2.402.384
Year 2016/2015	2.267.687	2.424.394
Year 2017/2016	1.951.526	2.447.121
Year 2018/2017	1.655.703	2.141.786
Subsequent	4.179.986	6.591.534
Total interest-bearing loans and borrowings	14.520.706	18.388.553

Covenants

At the end of the year 2009, the Company signed temporary agreements with its lenders with revised covenants and interest rates for the years 2009 and 2010. One of these temporary agreements was extended through 2011, 2012 and 2013 by one of the banks (European Investment Bank) but further waivers were not required by the other two banks. This waiver has now changed slightly and extended for 2014. All effective covenants were fulfilled by the Company in 2013.

27. Pension obligations

According to actuaries' assessment, the Company's accrued pension obligations amounted at year end 2013 to ISK 1,792 million (2012: ISK 1,727 million), discounted based on an interest rate of 2.0%, (taking into account the net assets of part of the pension funds). Presumptions on life expectancy, mortality rate and discount rate are in accordance with provisions of Regulation no. 391/1998 on obligatory pension right insurance and pension funds' operation. The increase in the obligation in 2013 is based on general salary increase taking into account interests. The Company's pension obligation is uncapitalized.

A part of the pension obligation pertains to the Company's employees providing services to HS Veitur hf. and HS Veitur hf. participates in the cost of the increase in these employees' pension obligations. HS Veitur hf.'s share in the increase in the pension obligations during the year amounted to ISK 102 million (2012: ISK 89 million) and is recognized as a long term receivable from HS Veitur hf. Actuarial gains and losses relating to HS Veitur hf.´s share in pension liability are recognized as production cost as they are reimbursed by HS Veitur hf.

	2013	2012
Pension commitment at 1.1.	1.726.700	1.576.500
Contribution during the year	(80.229)	(72.328)
Current service cost	15.917	24.731
Interest expense	35.202	32.616
Actuarial changes HS Orka part	37.765	66.072
Actuarial changes HS Veitur part charged to profit or loss	56.647	99.108
Pension obligation at 31.12.	1.792.000	1.726.700

Pension obligations are as follows:

The pension fund for State employees	895.400	879.400
The pension fund for Municipality of Hafnarfjörður employees	541.700	527.800
The pension fund for Municipality of Westman Islands employees	354.900	319.500
Pension fund obligation at 31.12.	1.792.000	1.726.700

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Notes, continued:

28. Currency and interest rate swap contracts

The Company held long term currency and interest rate swaps contracts with Glitnir Bank hf. ("Glitnir"), which was taken over by the Financial Supervisory Authority (FSA) in October 2008.

A foreign currency swap agreement entered into between Glitnir hf. and HS Orka hf. on 19 November 2006 is in dispute. HS Orka claims the agreement was annulled in November 2008 when Glitnir stated in a communication to HS Orka that they did not intend to fulfill their part of the contract. Glitnir now claims the contract is still valid and demands payments from HS Orka. The parties have had discussions to seek a compromise and explore whether there is a possibility for negotiations to settle the agreement. Glitnir has made an offer to HS Orka where they claim an amount identical to the amount HS Orka has calculated, based on the original contract. However, they further claim a penalty interest assessment for the whole amount. The penalty interest is considered unacceptable by HS Orka in light of the facts, and if further negotiations will not lead to a result acceptable to HS Orka, it will be up to the courts to decide on the matter. HS Orka will claim principally that the agreement was terminated in November 2008 and therefore HS Orka has no obligations thereunder, but at the same time and alternatively, that net present calculations of obligations pursuant to the agreement should be substantially lower than those claimed by Glitnir. HS Orka's calculation of the contract value is ISK 675 million and is shown at that value in the Statement of Financial Position. on February 20, 2013 Glitnir's attempted to terminate the swap agreement, as stipulated in a letter issued by the Winding up Board of Glitnir. In HS Orka´s managements opinion the attempted termination is based on weak legal grounds and that it is unlikely that Glitnir's claim in that respect will be upheld.

In evaluating the value of currency and interest rate swaps, generally accepted valuation methods are applied, as the market value is not available. When conducting the valuation the contractual cash flows of the agreements is discounted with current market interest rates. The Company uses current swap rates for foreign currency denominated legs and the Housing Finance Fund curve for ISK CPI indexed legs when calculating the fair value of currency and interest rate swaps. The liability at year end were classified as current or long term based on the term of the swaps.

Recognised amounts of currency and interest rate swap contracts in the statement of financial position are specified as follows:

	2013	2012
Non-current		
Effective portion of swap recognized at fair value	263.495	677.508
	263.495	677.508
Current		
Amortized payments carried at cost	371.788	349.607
Effective portion of swap recognized at fair value	39.332	110.862
	411.120	460.469
Total	674.615	1.137.977

29. Trade and other payables

Trade and other payables are as follows:

	2013	2012
Trade payables	437.668	482.996
Other payables	657.091	659.090
Total trade and other payables	1.094.759	1.142.086

The Company's exposure to currency and liquidity risk related to trade and other payables is disclosed in note 30.

30. Financial instruments

Overview

The Company's activities are exposed to financial risk consisting of credit risk, liquidity risk and market risk. Market risk consists of currency risk and interest rate risk.

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

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30. Financial instruments, continued:

Risk management framework

The management is carried out by management under policies approved by the Board of Directors. Management identifies, evaluates and manages financial risk in close co-operation with the Board of Directors. The Company's risk management program focuses on addressing the unpredictability of financial markets and seeks to minimize potential adverse effects on the Company's financial performance. The Company determines whether or not to use derivative financial instruments to hedge certain risk exposures if such derivatives are available. The Company does not currently hedge its risk exposure except for part of its currency risk where revenues in USD are hedged against loans in USD.

Credit risk

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

The Company’s exposure to credit risk is influenced mainly by the individual characteristics of its customer. Approximately 54% (2012: 56%) of the Company’s revenue is attributable to sales transactions with the two largest customers. Trade and other receivables are receivables from retail customers, companies, large consumers and power companies.

The Company has set a credit policy where all new significant customers are evaluated for credit risk. Payment history of those customers is checked.

Most of the Company's customers have been customers for many years and loss on receivables has been insignificant in proportion to turnover. Credit risk management includes taking into account the age of the receivables and financial standing of each customer. The list of aged receivables is reviewed on a regular basis by the credit controller. Customers that are behind in payments are not permitted to make further transactions with the Company until they settle their debt or the Company's collection department approves further transactions based on an agreement.

The Company establishes an allowance for impairment that represents an estimate of expected losses of trade and other receivables. The main components of this allowance are a specific loss component that relates to individually significant exposures, and a collective loss component established for companies with similar receivables in respect of losses that have been incurred but not yet identified. The collective loss allowance is determined based on historical data of payment statistics for similar receivables.

Exposure to credit risk

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

	Notes	2013	2012
Bonds	17	395.118	441.768
Long term receivables	21	331.364	289.646
Trade and other receivables	21	1.003.885	1.234.576
Short term investment	22	357.020	565.800
Cash and cash equivalents	23	4.413.403	5.227.728
		6.500.790	7.759.518

The maximum exposure to credit risk for trade receivables at the reporting date by type of customer excluding allowance for impairment was:

	2013	2012
Large users and power companies	327.490	383.705
Receivables from HS Veitur	157.124	222.404
Other customers	447.207	437.501
	931.821	1.043.610

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30. Financial instruments, continued:
Credit risk, continued

Impairment

The aging of trade receivables and impairment at the reporting date was:

	2013 Gross value	Impairment	2012 Gross value	Impairment
Not past due	878.507	4.898	974.402	3.240
Past due 0 - 30 days	11.650	1.672	14.033	1.310
Past due 31 - 60 days	5.830	1.211	10.223	1.078
Past due 61 - 90 days	4.045	882	7.464	2.638
Past due more than 90 days	31.789	18.167	37.488	29.509
	931.821	26.830	1.043.610	37.775

Impairment of trade receivables related fully to other customers.

The movement in the allowance for bad debt impairment in respect of trade receivables during the year was as follows:

	2013	2012
Balance at 1.1.	37.775	46.638
Final write off	(14.717)	(34.177)
Impairment losses recognized	3.772	25.314
Balance at 31.12.	26.830	37.775

Other financial assets subject to credit risk are not impaired

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30. Financial instruments, continued:

Liquidity risk:

Liquidity risk is the risk that the Company will encounter difficulty in meeting obligations associated with financial liabilities that are settled by delivering cash or another financial asset. The Company's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Company's reputation. At the year end 2013 the Company held Cash and Cash equivalent in the amount of ISK 4,413 million (2012: 5,228 million).

The Company has not made agreements for new loan facilities and had no unused loan facilities at year end 2013 and 2012.

Exposure to liquidity risk

The following are the contractual maturities of financial liabilities, including estimated interest payments:

	Carrying amount	Contractual cash flows	Less than one year	1 - 2 years	2- 5 years	After 5 years
31 December 2013						
Loans and borrowing	14.520.706	16.088.720	2.583.605	2.544.002	6.502.137	4.458.976
Trade and other payables	1.094.759	1.094.759	1.094.759			
Derivatives	674.615	627.807	411.120	62.565	154.122	
31 December 2012						
Loans and borrowings	18.388.553	20.787.184	2.935.771	2.872.064	7.912.225	7.067.124
Trade and other payables	1.142.086	1.142.086	1.142.086			
Derivatives	1.137.977	1.082.307	459.220	133.520	489.567	

Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates, aluminum prices and interest rates will affect the Company's income or the value of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return. Market risk for the Company consists of currency risk, aluminum price risk and interest rate risk.

Currency risk

The Company is exposed to currency risk on sales, purchases and borrowings that are denominated in currencies other than ISK. The currencies in which these transactions primarily are denominated are US Dollar (USD), Swiss Franc (CHF), Euro (EUR), Canadian Dollar (CAD), Swedish Krona (SEK), British Pound (GBP) and Japanese Yen (JPY).

Due to market conditions in Iceland the Company is currently not able to hedge against foreign exchange rate risk as there is no counterparty for forward contracts or other derivatives available in Iceland. The Company does hedge a portion of its revenue in USD with borrowings in USD. The Company holds USD cash at year end amounting to ISK 764 million (2012: ISK 827 million) for repayments of loans in foreign currencies.

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30. Financial instruments, continued:

Exposure to currency risk

The Company's exposure to foreign currency risk is as follows:

	CHF	EUR	USD	JPY	CAD	Other currencies
2013						
Derivatives	(1.102.293)	(339.943)	(285.809)	(318.353)	0	(172.119)
Receivables		7.616	163.247			
Cash and cash equivalents	86	11.789	764.225	5	4	396
Loans and borrowings	(3.852.216)	(2.614.025)	(2.479.299)	(1.177.993)	(1.039.731)	(1.018.495)
Payables			(39.926)		(2.317)	(6.618)
Balance sheet risk	(4.954.423)	(2.934.563)	(1.877.562)	(1.496.341)	(1.042.044)	(1.196.836)
Estimated sale 2014			2.082.928			
Estimated purchases 2014			(542.224)			
Gross foreign exchange rate risk	0	0	1.540.704	0	0	0
Net foreign exchange rate risk	(4.954.423)	(2.934.563)	(336.858)	(1.496.341)	(1.042.044)	(1.196.836)

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Notes, continued:

30. Financial instruments, continued:

Currency risk, continued:

	CHF	EUR	USD	JPY	CAD	Other currencies
2012						
Derivatives	(1.508.292)	(457.761)	3.685.958	(546.171)	0	(236.826)
Receivables			282.447			
Cash and cash equivalents	93	10.926	826.874	6	5	431
Loans and borrowings	(4.731.696)	(3.243.444)	(3.173.652)	(1.798.494)	(1.375.244)	(1.258.815)
Balance sheet risk	(6.239.895)	(3.690.279)	1.621.627	(2.344.659)	(1.375.239)	(1.495.210)
Estimated sale 2013			2.537.011			
Estimated purchases 2013			(535.111)			
Gross foreign exchange rate risk	0	0	2.001.900	0	0	0
Net foreign exchange rate risk	(6.239.895)	(3.690.279)	3.623.527	(2.344.659)	(1.375.239)	(1.495.210)

The following exchange rates were used during the year:

	Average exchange rate		End of year exchange rate	
	2013	**2012**	**2013**	**2012**
CHF	132,27	133,72	129,55	141,03
EUR	162,83	161,18	158,94	170,27
USD	122,52	125,35	115,30	129,05
JPY	1,26	1,57	1,10	1,50
CAD	119,06	125,48	108,39	127,74

Sensitivity analysis

A 10 percent strengthening of the ISK against the following currencies at 31 December would have increased (decreased) profit or loss after tax by the amounts shown below. This analysis assumes that all other variables, in particular interest rates, remain constant. The analysis was performed on the same basis for 2012.

	Profit or (loss)	
	2013	**2012**
CHF	396.354	499.192
EUR	234.765	295.222
USD	150.205	(129.730)
JPY	119.707	187.573
CAD	83.364	110.019
Other currencies	95.747	119.617

A 10 percent weakening of the ISK against the above currencies at 31 December would have had the equal but opposite effect on profit or loss after tax to the amounts shown above, on the basis that all other variables remain constant. The analysis is performed on the same basis for the year 2012.

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30. Financial instruments, continued:

Interest rate risk

The majority of the Company's long term borrowings are subject to variable interest rates. Due to current market conditions in Iceland the Company does not currently hedge its interest rate risk as there is no counterparty for forward contracts or other derivatives available in Iceland.

Exposure to interest rate risk

Interest-bearing financial assets and liabilities are as follows at the year end:	2013	2012
Financial instruments with fixed interest rate		
Financial assets	395.118	441.768
Financial liabilities	(2.062.205)	(2.515.097)
	(1.667.087)	(2.073.329)
Financial instruments with floating interest rate		
Financial assets	4.413.403	5.793.528
Financial liabilities	(12.458.501)	(15.873.457)
	(8.045.098)	(10.079.929)
Derivatives		
Embedded derivatives	122.581	4.260.671
Currency and interest rate swap	(674.615)	(1.137.977)
	(552.034)	3.122.694

Fair value sensitivity analysis for fixed rate instruments:

An increase or decrease of 100 basis points in interest rates at the reporting date would have increased (decreased) profit or loss and equity after tax by the amounts shown below. This analysis assumes that all other variables, in particular foreign currency rates, remain constant. The analysis was performed on the same basis for the year 2012.

	Equity		Profit or loss	
	100 bp increase	100 bp decrease	100 bp increase	100 bp decrease
2013				
Financial assets	0	0	(10.380)	10.868
Fair value sensitivity analysis, net	0	0	(10.380)	10.868
2012				
Financial assets	0	0	(13.147)	15.899
Fair value sensitivity analysis, net	0	0	(13.147)	15.899

Fair value sensitivity analysis for derivatives

An increase or decrease in interest rates of 100 basis points at the reporting date would have increased (decreased) the return after tax by the following amounts. This analysis is based on that all other variables, in particular foreign currency rates, remain constant. The analysis was performed on the same basis for the year 2012.

	Profit or loss	
	100 bp increase	100 bp decrease
2013		
Embedded derivatives	(22.517)	25.052
Currency and interest rate swap	(23.128)	23.897
Fair value sensitivity analysis, net	(45.645)	48.949

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30. Financial instruments, continued:

Interest rate risk continued:

	Profit or loss 100 bp increase	100 bp decrease
2012		
Embedded derivatives	(220.438)	242.602
Currency and interest rate swap	(42.163)	39.347
Fair value sensitivity analysis, net	(262.601)	281.949

Cash flow sensitivity analysis for floating interest rate instruments

An increase or decrease in interest rates of 100 basis points at the reporting date would have increased (decreased) the return after tax by the following amounts. This analysis is based on the assumption that all other variables, in particular foreign currency rates, remain constant. The analysis was performed on the same basis for the year 2012.

	Profit or loss 100 bp increase	100 bp decrease
2013		
Financial instruments with floating interest rates	(64.361)	64.361
Cash flow sensitivity analysis, net	(64.361)	64.361
2012		
Financial instruments with floating interest rates	(80.640)	80.640
Cash flow sensitivity analysis, net	(80.640)	80.640

Aluminium price risk

The Company has entered into power purchase agreements with Norðurál on power supply until the year 2026. The Company has also entered into an agreement with Landsvirkjun on the sale of power until the year 2019. The agreements are in USD and the contract price of power is based on the world market value of aluminum. The Company does not currently hedge against aluminum price change.

Sensitivity analysis

A 10 percent increase or decrease of aluminium prices at 31 December would have increased (decreased) profit or loss after tax by the amounts shown below. The analysis was performed on the same basis for 2012.

	Profit or (loss) 2013	2012
Increase of 10%	1.699.406	2.433.445
Decrease of 10%	(1.699.406)	(2.433.445)

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30. Financial instruments, continued:
Fair value

Fair value versus carrying amounts

The fair values of financial assets and liabilities, together with the carrying amounts shown in the statement of financial position, are as follows:

	2013		2012	
	Carrying amount	Fair value	Carrying amount	Fair value
Interest-bearing long-term debts	(14.520.706)	(14.142.410)	(18.388.553)	(18.138.840)
	(14.520.706)	(14.142.410)	(18.388.553)	(18.138.840)

Interest rates used for determining fair value for disclosure purpose

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

For foreign denominated debt the discount rates are based on interbank rates. All discount rates include an adequate credit spread, and were as follows.

Interest rates used for determining fair value:

	2013	2012
Interest bearing long term liabilities	Libor + 250 bp	Libor + 250 bp

Fair value of other financial assets and liabilities is equal to their carrying amount.

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30. Financial instruments, continued:

Other market risk

Other market value risk is related to investments in bonds and shares and is considered insignificant.

Classification of financial instruments

Financial assets and liabilities are classified as follows:

	Loans and receivables	Financial assets designated at fair value through profit and loss	Financial assets and liabilities held for trading	Financial liabilities measured at amortized cost	Carrying amount
2013					
Investment in other companies		27.075			27.075
Bonds		395.118			395.118
Derivatives			260.580		260.580
Trade receivables	904.991				904.991
Other receivables	430.258				430.258
Short term investments		357.020			357.020
Cash and cash equivalent	4.413.403				4.413.403
Total assets	5.748.652	779.213	260.580	0	6.788.445
Loans and borrowings				14.520.706	14.520.706
Derivatives			812.614		812.614
Trade payables				437.668	437.668
Other payables				657.091	657.091
Total liabilities	0	0	812.614	15.615.465	16.428.079
2012					
Investment in other companies		27.075			27.075
Bonds		441.768			441.768
Derivatives			4.260.671		4.260.671
Trade receivables	1.005.835				1.005.835
Other receivables	518.387				518.387
Short term investments		565.800			565.800
Cash and cash equivalent	5.227.728				5.227.728
Total assets	6.751.950	1.034.643	4.260.671	0	12.047.264
Loans and borrowings				18.388.553	18.388.553
Derivatives			1.137.977		1.137.977
Trade payables				482.996	482.996
Other payables				659.090	659.090
Total liabilities	0	0	1.137.977	19.530.639	20.668.616

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31. Fair value hierarchy:

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

Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities
Level 2: inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (ie. as prices) or indirectly (ie. derived from prices)
Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs).

	Level 1	Level 2	Level 3	Total
31 December 2013				
Operating assets			31.422.097	31.422.097
Embedded derivatives		(21.386)	143.966	122.580
Bonds		395.118		395.118
Other derivatives		(302.827)		(302.827)
Investments in other companies			27.075	27.075
Short term investments	357.020			357.020
Total	357.020	70.905	31.593.138	32.021.063
31 December 2012				
Operating assets			31.494.192	31.494.192
Embedded derivatives		227.412	4.033.259	4.260.671
Bonds		441.768		441.768
Other derivatives		(788.365)		(788.365)
Investments in other companies			27.075	27.075
Short term investments	565.800			565.800
Total	565.800	(119.185)	35.554.526	36.001.141

Embedded derivatives that expire in the year 2026 are classified in level 3 due to the fact that the forward market for aluminium only extends to maximum of ten years. Fair value change for asset classified at Level 3 amount to ISK 3,889 million.

32. Capital management

The Board's policy is to maintain a strong capital base to sustain future development of the business.

The Company's Board of Directors seeks to maintain a balance between the higher returns that might be possible with higher levels of borrowings and the advantages and security afforded by lower levels of borrowings. The equity ratio was 58.0% at year end 2013 (2012: 53.4%).

There were no changes in the Company’s approach to capital management during the year and the Company is not obliged to comply with external rules on minimum equity other than those required pursuant to covenants in its loan agreements.

33. Guarantees

Due to the division of Hitaveita Suðurnesja hf. into HS Orka hf. and HS Veitur hf. in 2008 the Company is liable for certain liabilities of HS veitur hf. whom existed at division date. This Guarantee amounts to zero at year end 2013 (2012: ISK 1 million).

34. Other matters

Litigations and claims

HS Orka hf. initiated on 16 December 2011 arbitration proceedings towards Norðurál Grundartangi concerning interpretation of certain clauses in the power purchase agreement for Grundartangi concerning minimum purchase of power. The full amount of revenue that should have been received under the agreement had accrued in 2012 and 2013. An arbitration panel ruled on the matter in May 2013 and Nordural subsequently paid the accrued revenue.

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Notes, continued:

34. Other matters, continued

Trölladyngja

In 2012 The Icelandic parliament accepted “Rammaáætlun II” a national Energy developement plan, which categorized existing hydro and geothermal power sites into three groups: protected sites, pending sites and power developing sites. The Trölladyngja area is categorized as a pending site meaning more information, research and data is required.   The carrying amount of Trölladyngja was at year end 2013 ISK 676 million.

35. Related parties

Identity of related parties

The Company has a related party relationship with its shareholders, associates, fellow subsidiaries, HS Veitur hf., its directors and executive officers and other companies owned by them.

The Company did not make any sales to shareholders in the years 2013 and 2012. The Company bought services from shareholders for the amount of ISK 11 million (2012: ISK 11 million).

The Company purchased goods and services from associate companies in the amount of ISK 15 million in the year 2013 (2012: ISK 17 million).

The Company sold goods to an associate company in the amount of ISK 48 million (2012: ISK 40 million).

The Company purchased services from fellow subsidiaries in the amount of ISK 18 million in the year 2013 (2012: ISK 23 million). At year trade payables to fellow subsidiaries were ISK 2 million (2012: ISK 0 million).

Sales to HS Veitur hf. amounted to ISK 1,965 million during the year (2012: ISK 1,830 million). Purchases from HS Veitur hf. amounted to ISK 105 million (2012: ISK 23 million). At year end the receivables from HS Veitur hf. amounted to ISK 157 million (2012: ISK 222 million) and payables to HS Veitur hf. amounted to ISK 74 million (2012: ISK 0). Long term receivable from HS Veitur due to pension liability amounted to ISK 331 million (2012: ISK 290 million)

Appendix: Corporate Governance Statement, unaudited

This statutory statement on corporate governance is made in accordance with Article 66-c of the Icelandic Financial Statements Act No. 3/2006, as amended. This statement has been approved by the Board of Directors of HS Orka hf. and is also published in the Company's Annual Report. This statement covers the financial year ended on 31 December 2013.

This statement includes information on the following items:

- A reference to the corporate governance recommendations the Company follows and how the Company addresses the recommendations, including any deviations and explanations thereto.
- A description of the main aspects of internal controls and risk management systems used in connection with preparation of financial statements.
- A description of the Company´s organizational structure and the role and composition of each function.

1. Corporate Governance

The Company complies in all main respect to the laws mentioned above. The Board of Directors of HS Orka hf. emphasizes maintaining good management practices. The articles of association for the Company lay the framework for the governance of the Company.

The Audit Committee, consists of two members of the Board of Directors and an independent member. Remuneration committee has been established recently and will have its first meeting in the begining of the year 2014. It consists of two members from the Board of Directors.

The Company's Board of Directors determines the CEO's terms of employment and gets reports from the Audit Committee which meets regularly with the Company's auditors. Two members of the Board are associated with the minority shareholder of the Company and three members of the Board are associated with the major shareholder according to a definition in Article 2.5 in the Guidelines on Corporate Governance, issued in March 2012, by Iceland Chamber of Commerce, Nasdaq OMX Iceland hf. and Confederation of Icelandic Employers.

The preparation of financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

2. Main aspects of internal controls and risk management systems in connection with preparation of financial statements

The Company implemented key provisions of the Sarbanes-Oxley Act (SOX) in 2011. Work regarding SOD (Segregation of Duties) had then already started and was finished in 2012.

The Board of Directors has an ongoing dialogue with the CEO on the identification, description and handling of the business risks to which the Company may be exposed. Material risks and risk management are discussed in the Annual Report.

Corporate Governance Statement, unaudited, continued:

The Company´s risk management and internal controls, in relation to financial processes, are designed to control the risk of material misstatements. The Company designs its processes to ensure that there are no material weaknesses with internal controls that could lead to a material misstatement in the financial reporting.

The Company goes through a detailed strategic and budget process each year and a budget report is prepared. The Board approves the Company´s budget each year. Deviations from the budget are carefully monitored on a monthly basis. A year over year comparison is also performed on a monthly basis and deviations explained. The Company´s overall business is fairly stable and past budgets have been reliable and therefore deviations become visible quickly.

To ensure quality in the Company‘s financial reporting systems the following policies, procedures and guidelines for financial reporting and internal control have been adopted:

Continuous analysis of year over year result variations.

Annual tests of operating effectiveness of internal controls.

Continuous analysis of results achieved compared to the approved budget.

Policies for key aspects of the business including (but not limited to) IT use, insurance, cash management, segregation of duties, procurement etc.

The responsibility for maintaining sufficient and effective internal control and risk management in connection with financial reporting lies with the CEO.

An auditing firm is elected at the Annual General Meeting for a term of one year. The external auditors are not allowed to own shares in the Company. The external auditors shall examine the Company´s annual financial statements in accordance with international standards on auditing, and shall, for this purpose, inspect account records and other material relating to the operation and financial position of the Company. The external auditors shall have access to all of the Company´s books and documents at all times. The external auditors report any significant findings regarding accounting matters via the Audit Committee to the Board of Directors in the auditors report.

3. Organizational structure and the role and composition of each function

According to the Company´s Articles of Association the Company is managed by

- Shareholders meetings
- The Board of Directors
- The Chief Executive Officer

Shareholders´ Meetings

The ultimate authority in all affairs of the Company, within the limits established by the Company´s Articles of Association and statutory law, is in the hands of lawful shareholders meetings.

The controlling shareholder Alterra Power Corp, through its subsidiary Magma Energy Sweden, holds 66.6% of the shares and voting rights of HS Orka hf. The other shareholder Jarðvarmi slhf. holds 33.4% of the shares and voting rights.

The Board of Directors

According to the Company´s Articles of Association the Board of Directors is responsible for the affairs of the Company between the Shareholders´ Meetings. The Board shall operate in accordance with the Company´s Articles of Association and the Board´s Rules of Procedure. The Principal duties of the Board are as follows:

- Appoint a CEO and decide the CEO´s salary and terms of employment, establish terms of reference and supervise the CEO´s work.
- Supervise continuously and precisely all aspects of the Company´s operations and ensure that the Company´s organization and activities are always in order. In particular, the Board of Directors shall ensure adequate supervision of the financial control and accurate reporting and disposal of the Company´s financial assets, and at least once a year confirm the Company´s operating plan and budget.
- Establish the Company´s goals in accordance with the Company´s objectives pursuant to the Articles of Association, and formulate the policy and strategy required to achieve these goals.

All Board Members have consented the Board´s procedures and considered them to be efficient. The Board Members also found the Board materials and presentations were good and well prepared. They also confirm the Board has been well informed and all matters have been discussed in an open and constructive way. When evaluating its size and composition, the Board takes into account the Company´s operations, policies and practices and the knowledge, experience and expertise of each Board member. The Board considers its size and composition to be in line with the Board‘s aim, to discharge its duties in an efficient manner with integrity in the best interest of the Company.

Further information on the Board can be found in the Annual Report and on the Company‘s website.

The Audit Committee

The Audit Committee shall operate in accordance with its Rules of Procedure. The principal duty of the Audit Committee is to ensure the quality of the Company´s financial statements and other financial information, and the independence of the Company’s auditors.

The Chief Executive Officer

According to the Company´s Articles of Association the Board of Directors appoints a CEO to manage the Company´s daily operations.

The principal duties of the CEO are as follows:

- He is responsible for daily operations and is obliged to follow the Boards’ policy and instructions in that regard. The daily operations do not include measures that are unusual or extraordinary. The CEO may only take such measures if specially authorized by the Board, unless it is impossible to wait for the Board´s decision without substantial disadvantage to the Company´s operations. In such event the CEO shall inform the Board of any action taken without delay.
- He is responsible for the work and results of executive management.
- He shall ensure that the financial statements of the Company conform to the law and accepted practices and that the treatment of the Company´s assets is secure. The CEO shall provide any information that may be requested by the Company´s auditors.

Further information on the CEO can be found in the Annual Report and on the Company´s website.

Unaudited financial information

Quarterly Statements

Summary of the Company´s results by quarters:

2013	**Q1**	**Q2**	**Q3**	**Q4**	**Total**
Operating revenue	1.947.270	1.642.827	1.551.943	1.889.350	7.031.390
Production cost and cost of sales	(1.318.110)	(1.393.715)	(1.194.939)	(1.405.824)	(5.312.588)
Gross profit	629.160	249.112	357.004	483.526	1.718.802
Other operating expenses	(173.502)	(62.449)	(70.112)	(131.129)	(437.192)
Results from operating activities	455.658	186.663	286.892	352.397	1.281.610
Finance income	1.022.431	291.745	88.393	559.667	1.962.236
Finance costs	(162.057)	(113.051)	(234.697)	8.387	(501.418)
Changes in fair value of swap contracts	253.453	81.275	11.537	117.092	463.357
Changes in fair value of embedded derivatives	(2.755.939)	(1.194.429)	907.089	(1.094.811)	(4.138.090)
Net finance (expenses) income	(1.642.112)	(934.460)	772.322	(409.665)	(2.213.915)
Share of profit of associates	38.775	93.636	266.067	(7.713)	390.765
Profit (loss) before income tax	(1.147.679)	(654.161)	1.325.281	(64.981)	(541.540)
Income tax recovery (expense)	237.296	149.554	(211.842)	11.453	186.461
Profit (loss) for the period	(910.383)	(504.607)	1.113.439	(53.528)	(355.079)
Other comprehensive income:					
Items that will never be reclassified to profit or loss					
Remeasurem. of defined benefit liability	0	(33.491)	(2.682)	(1.592)	(37.765)
Tax on items that will never be reclassified to profit or loss	0	6.698	536	319	7.553
	0	(26.793)	(2.146)	(1.273)	(30.212)
Items that may be reclassified subsequently to profit or loss					
Foreign currency translation difference on associates	(31.815)	(6.665)	9.758	(19.806)	(48.528)
Other comprehensive (loss) income, net of tax	(31.815)	(33.458)	7.612	(21.079)	(78.740)
Total comprehensive (loss) income	(942.198)	(538.065)	1.121.051	(74.607)	(433.819)

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Unaudited financial information, contd.:

Quarterly Statements, contd.:

2012	**Q1**	**Q2**	**Q3**	**Q4**	**Total**
Operating revenue	1.841.469	1.624.361	1.488.393	1.926.354	6.880.577
Production cost and cost of sales	(1.192.847)	(1.117.369)	(1.006.002)	(1.209.766)	(4.525.984)
Gross profit	648.622	506.992	482.391	716.588	2.354.593
Other operating expenses	(111.122)	(100.301)	(84.017)	(137.739)	(433.179)
Results from operating activities	537.500	406.691	398.374	578.849	1.921.414
Finance income	48.137	663.906	85.462	(470.850)	326.655
Finance costs	(913.194)	(171.336)	(222.906)	(116.752)	(1.424.188)
Changes in fair value of swap contracts	(94.204)	158.011	21.062	(104.887)	(20.018)
Changes in fair value of embedded derivatives	461.861	(1.989.779)	1.790.198	(463.016)	(200.736)
Net finance (expenses) income	(497.400)	(1.339.198)	1.673.816	(1.155.505)	(1.318.287)
Share of (loss) profit of associates	(40.462)	93.932	117.826	(1.022)	170.274
(Loss) profit before income tax	(362)	(838.575)	2.190.016	(577.678)	773.401
Income tax recovery (expense)	(8.020)	186.501	(414.437)	115.331	(120.625)
(Loss) profit for the period	(8.382)	(652.074)	1.775.579	(462.347)	652.776
Other comprehensive income:					
Items that will never be reclassified to profit or loss					
Revaluation of operating assets	0	0	0	6.090.242	6.090.242
Remeasurem. of defined benefit liability	0	(50.734)	(4.907)	(10.431)	(66.072)
Tax on items that will never be reclassified to profit or loss	0	10.147	981	(1.215.963)	(1.204.835)
	0	(40.587)	(3.926)	4.863.848	4.819.335
Items that may be reclassified subsequently to profit or loss					
Foreign currency translation difference of associates	25.228	(24.579)	9.464	26.810	36.923
Other comprehensive income (loss) net of tax	25.228	(65.166)	5.538	4.890.658	4.856.259
Total comprehensive income (loss)	16.846	(717.240)	1.781.117	4.428.311	5.509.035

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