

# Year-End Report 2022

## Business highlights, January–December 2022

- Higher electricity prices, but Vattenfall's achieved prices in the Nordic countries at a lower level compared to last year
- Inauguration of Vattenfall's largest onshore wind farm Blakliden Fäbodberget
- Inauguration of the biofuel-fired heat plant, Carpe Futurum, in Uppsala
- Strategic review of Berlin district heating business
- Feasibility study to investigate construction of small modular reactors near Ringhals
- Foundation installation completed and delivery of first electricity from offshore wind farm Hollandse Kust Zuid in the Netherlands
- Vattenfall gets to build Finland's first large offshore wind farm
- Inauguration together with LKAB and SSAB of HYBRIT's pilot plant for storing fossil-free hydrogen

## Financial highlights, January–December 2022

- Net sales increased by 33% (28% excluding currency effects) to SEK 239,644 million (180,119)
- Underlying operating profit<sup>1</sup> of SEK 37,313 million (31,181)
- Operating profit<sup>1</sup> of SEK 12,645 million (60,271)
- Profit for the period of SEK 21 million (48,013)
- The Board of Directors proposes a dividend of SEK 4,000 million

## Financial highlights, October–December 2022

- Net sales increased by 24% (18% excluding currency effects) to SEK 78,819 million (63,529)
- Underlying operating profit<sup>1</sup> of SEK 13,469 million (9,092)
- Operating profit<sup>1</sup> of SEK -24,062 million (7,750)
- Profit for the period of SEK -16,959 million (6,101)

## KEY DATA

Amounts in SEK million unless indicated otherwise	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	239 644	180 119	78 819	63 529
Operating profit before depreciation, amortisation and impairment losses (EBITDA) <sup>1</sup>	30 513	75 790	-18 509	10 226
Operating profit (EBIT) <sup>1</sup>	12 645	60 271	-24 062	7 750
Underlying EBIT <sup>1</sup>	37 313	31 181	13 469	9 092
Profit for the period	21	48 013	-16 959	6 101
Electricity generation, TWh	108.9	111.4	28.3	30.5
Sales of electricity, TWh <sup>2</sup>	165.3	168.9	43.4	45.6
- of which, customer sales	111.4	120.5	29.8	32.1
Sales of heat, TWh	14.1	15.6	4.7	5.1
Sales of gas, TWh	47.3	57.1	14.1	17.3
Return on capital employed, % <sup>1</sup>	4.2	22.2	4.2 <sup>3</sup>	22.2 <sup>3</sup>
FFO/adjusted net debt, % <sup>1</sup>	55.0	171.2	55.0 <sup>3</sup>	171.2 <sup>3</sup>

1) See Definitions and calculations of key ratios for definitions of Alternative Performance Measures.

2) Sales of electricity also include sales to Nord Pool Spot and deliveries to minority shareholders.

3) Last 12-month values.

# 2022 – a challenging year

It is difficult to sum up 2022 in any other way than that it has been a challenging year. Russia's invasion of Ukraine had major consequences on an already strained energy market, which created major challenges, for example in risk and liquidity management. At the same time, we worked hard to support worried customers and ensure the security of supply for electricity and heat. Vattenfall's business and underlying results developed well, and we continue to have good liquidity and a strong balance sheet.

### Calmer markets in year's final quarter

The weather was relatively mild throughout the fourth quarter and gas storage on the Continent remain at good level, which means that the risk of winter rationing has decreased significantly. As a result, fuel and electricity prices have declined on the Continent and average gas prices have halved compared with Q3. In the Nordic countries, the prices started out low in the beginning of the quarter but then rose, primarily in December, because of dry weather with less wind as well as impediments to nuclear power output. Higher transmission capacity between price areas SE2 and SE3 resulted in a dramatic narrowing of price area differences in Sweden.

### Strong result from the business operations

Underlying operating profit increased by SEK 6.1 billion to SEK 37.3 billion. Wind power doubled its contribution, in part owing to new capacity from Kriegers Flak in Denmark. We are also seeing the positive impact more customers choosing Vattenfall in these uncertain times. Over the course of the year, the number of customers has increased by 400,000 with growth across all markets, especially in Germany. Despite the enormous strain on our customer service caused by the turbulent market situation - which occasionally resulted in long wait times - customer satisfaction measured in Net Promoter Score (NPS) rose from +10 last year to +16 this year.

### Major accounting effects on profit for the period

Reported profit for the period was brake-even for the full year and SEK -17.0 billion for the quarter. This was mainly attributable to the realisation and valuation of electricity and fuel contracts that had been entered into in previous years. These are recognised in the accounts at their current market value on an ongoing basis which causes temporary distortions in our

reported results. This effect has historically been low, but as a result of the major price fluctuations we have experienced since the second half of 2021, the impact of changes in fair value totaled SEK -34.9 billion for the quarter and SEK -20.1 billion for the full year. In contrast, in 2021 we had exceptional positive one-off effects of SEK 29.1 billion, among other things from compensation for early closure of German nuclear power. Vattenfall continues to have a strong financial position and good liquidity. The Board of Directors proposes a dividend of SEK 4 billion.

### Pace of investments accelerating with energy transition

Today we present our investment plan for the next two years. It amounts to SEK 77 billion, of which SEK 50 billion are earmarked for growth investments.

In the quarter, we announced a partnership to build Finland's first offshore wind farm. The 1.3 GW-capacity project is scheduled to enter into service in the early 2030s. We are also continuing work on decarbonising our heat business. In December, we decided to invest in a Power-to-Heat e-boiler with a capacity of 150 MW at our heating plant in Diemen, Amsterdam.

### Time to break Europe's fossil-fuel dependency

Russia's invasion of Ukraine resulted in an awakening at multiple levels regarding the consequences of Europe's dependence on fossil fuels. We welcome the fact that the energy issue is given high priority on the public agenda and that nuclear power is once again viewed as a natural part of the Swedish energy mix. All fossil-free energy sources are needed, and we are looking forward to participating in bridging the existing gap between supply and demand in fossil-free energy. We are crossing the threshold into 2023 with major uncertainties in the world around us, and we all need to focus on increasing our efforts to break Europe's fossil fuel dependence.



*Anna Borg*  
**Anna Borg**  
President and CEO

**Profit for the period**  
Full year 2022  
**0**  
SEK billion  
(48.0)

**Underlying operating profit**  
Full year 2022  
**37.3**  
SEK billion  
(31.2)

**FFO/adjusted net debt**  
Full year 2022  
**55.0%**  
(171.2)

**Return on capital employed**  
Full year 2022  
**4.2%**  
(22.2)

<sup>1</sup> NPS is a tool for measuring customer loyalty and for gaining an understanding of customers' perceptions of Vattenfall's products and services.

# Group overview

Vattenfall generates electricity and heat from a portfolio of energy sources, such as hydro and nuclear power, wind power, and fossil fuels. We sell electricity, gas, and heat to private customers and businesses primarily in northern Europe. Vattenfall continuously hedges its future electricity generation through sales in the forward and futures markets.

## Market development

Electricity markets continue to be characterised by major fluctuations triggered by developments on the Continent. Sharply rising gas prices have resulted in record-high electricity prices and the Nordic system price has largely been decoupled with the hydrological development. High average electricity prices for the first half of 2022 contributed positively to Vattenfall's results. But major differences between the system price in the Nordics and the price in respective price areas had a negative impact and resulted in a lower achieved price after price hedges.

## ELECTRICITY SPOT PRICES

	Jan-Dec			Oct-Dec		
EUR/MWh	2022	2021 Change		2022	2021 Change	
Nordics	135.9	62.3	118%	135.61	96.24	41%
Germany	235.5	96.8	143%	192.8	178.9	8%
Netherlands	241.9	103.0	135%	198.0	196.0	1%

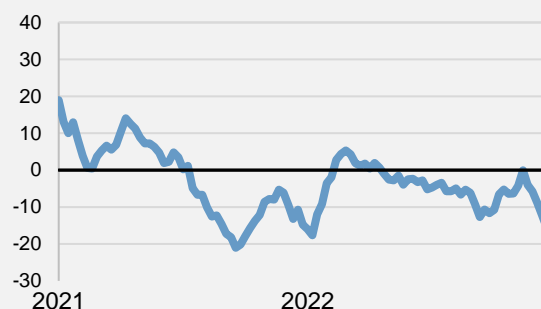
The average spot price in the Nordic countries increased as a result of higher electricity prices on the Continent, which is primarily attributable to higher prices for fuel and emissions allowances.

## NORDIC HYDROLOGY

Hydrological balance is a measure of the estimated energy volume stored in the form of snow, and water reservoirs and ground water in relation to a normal situation. Historically, Nordic electricity prices have had a negative correlation with the hydrological balance, since the available hydro power capacity normally regulated what energy sources would be used in the system. Electricity prices in the northern parts of the Nordic countries remain linked to the hydrological balance, while the correlation with system price and the price development in the southern regions has decreased, especially in the past year.

At year-end 2022, the hydrological balance for the Nordics was below normal levels primarily because of dry and cold weather.

## NORDIC HYDROLOGICAL BALANCE (TWh)

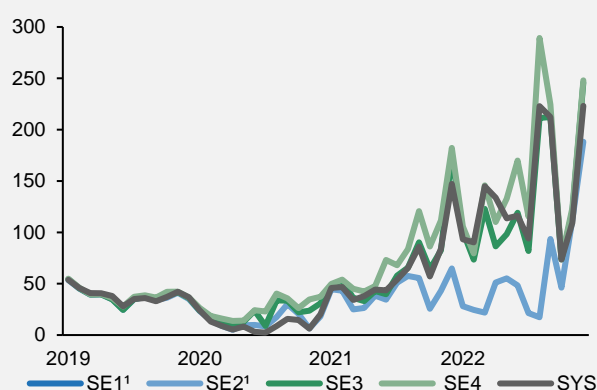


However, the fill rate of Vattenfall's water reservoirs was at 60% (65%), which is 3 percentage points above normal levels.

## NORDIC PRICE AREA DIFFERENCES

The electricity market in the Nordic countries is divided into separate price areas. Sweden has four price areas and Vattenfall's hydro power assets' are mainly located in SE1 and SE2 while the nuclear power assets are located in SE3. Vattenfall also has wind power assets in SE4. In recent years, the differences in electricity prices between the areas have grown wider as a result of bottlenecks in the transmission grid, which prevents the electricity from reaching southern regions. Moreover, new transmission connections to the Continent have contributed further to higher prices in southern Sweden. The Nordic system price (SYS) is a reference price for all price areas and is calculated by the power exchange Nord Pool.

## SPOT PRICES PER PRICE AREA AND SYSTEM PRICE (EUR/MWh)



1 Difference between SE1 and SE2 is invisible due to high correlation

The price area differentials was at a high level in 2022 but narrowed towards the end of the year owing to higher electricity prices in northern Sweden due to low wind power generation combined with increased transmission capacity between SE2 and SE3.

## INDICATIVE NORDIC HEDGE PRICES AND FINANCIAL HEDGE RATIO (SE, DK, FI) AS PER 30 JUNE 2022

Vattenfall's hedging strategy has the objective to even out earnings over time by selling parts of the planned production in the forward markets. The main exposures arise from outright power in the Nordics with nuclear and hydro power as well as a growing share of wind power in the Nordics, on the Continent and in the UK.

	2023	2024	2025
EUR/MWh	30	45	47
Hedge ratio (%)	56	43	19

## ACHIEVED NORDIC ELECTRICITY PRICES (SE, DK, FI)<sup>1</sup>

The achieved price is the average price that Vattenfall received for its electricity production during the period and is impacted by the hedge ratio and hedge price (see above), the spot price and effects from price area differentials.

	Jan-Dec		Okt-Dec	
	2022	2021	2022	2021
EUR/MWh	27	31	55	35

Vattenfall's achieved electricity price in the Nordics decreased primarily because of major price area differentials. Achieved electricity price for the fourth quarter increased compared to the corresponding period last year mainly due to higher price levels in Sweden

## FUEL PRICES

The prices of gas, coal, and CO<sub>2</sub> emission allowances affect mainly Vattenfall's heat business on the Continent. Gas prices also affect activities within the business segment Customers & Solutions, which is responsible for customer sales of gas.

	Jan-Dec			Okt-Dec		
	2022	2021	Change	2022	2021	Change
Gas (EUR/MWh)	123.9	46.6	166%	96.3	94.7	2%
Coal (USD/t)	291.9	121.8	140%	237.6	174.0	37%
CO <sub>2</sub> (EUR/t)	80.8	53.2	52%	77.1	68.3	13%

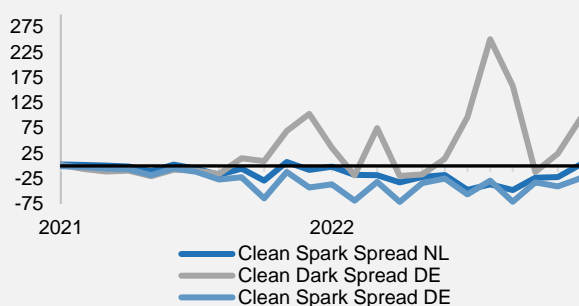
<sup>1</sup> Achieved prices from the spot market and hedges. Includes Nordic hydro, nuclear and wind power generation

The price of gas and coal has increased sharply in 2022 as a result of the war in Ukraine. Gas prices in Europe have been affected by diminishing supply from Russia. The gas shortage has driven up demand and prompted an increased price of coal as well as increased profitability for coal-fired production capacity. The price of CO<sub>2</sub> emission allowances rose primarily as a result of the increased use of coal as fuel.

## PRICE MARGINS

The clean spark spread is the margin between the electricity price and the cost of gas and emissions allowances used for its generation. The clean dark spread represents the same relationship for coal-fired electricity generation. These spreads affect Vattenfall's heat business in Germany and the Netherlands where the fossil-fired combined heat-and-power (CHP) plants and condensing plants are located. Vattenfall hedges these spreads in part.

## CLEAN SPARK SPREAD AND CLEAN DARK SPREAD

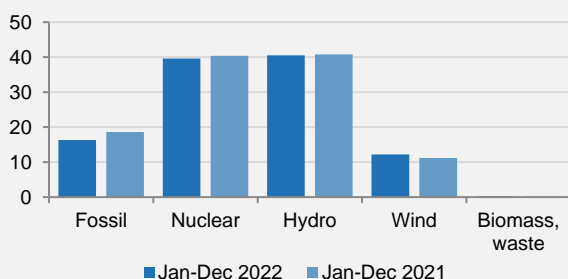


The clean spark spreads were negative in most of 2022 as a result of high gas prices. This has had a negative financial impact on Vattenfall's combined heat and power plants. The clean dark spreads have been volatile.

## Generation development

Combined electricity generation declined by 2.5 TWh to 108.9TWh (111.4) in 2022. Generation from fossil-based power declined (-2.3 TWh) as a result of lower clean spark spreads. Generation from nuclear power declined (-0.8 TWh), owing to lower availability caused by the delayed restart of Ringhals 4. Generation from wind power increased (1.0 TWh) as a result of new capacity and higher wind speeds.

### ELECTRICITY GENERATION (TWh)



### AVAILABILITY

Availability is the percentage of planned production time for an asset with no unforeseen technical issues or maintenance-related outages.

	Jan-Dec	
	2022	2021
Nuclear	83.6%	84.8%
Wind - offshore	95.5%	95.7%
Wind – onshore	95.3%	97.3%

The availability of Vattenfall's nuclear power in 2022 declined due to the delayed restart of Ringhals 4. The availability for onshore wind power was at a lower level.

### INSTALLED WIND CAPACITY

New installed wind power capacity in the past 12 months where Vattenfall has an ownership or is responsible for the operations pertains to Blakliden Fäbodberget (214 MW of 353 MW), South Kyle (67 MW of 240 MW), Grönhult 67 MW, A16 34 MW, Nij Hiddum Houw 19 MW. The comparison is affected by the partial divestments of Princess Ariane (Wieringermeer Extension, 114 MW), and divestment of other onshore wind farms (51 MW).

	31 Dec 2022	31 Dec 2021
Onshore wind	1,781	1,562
Offshore wind	2,602	2,602
<b>Total</b>	<b>4,383</b>	<b>4,164</b>

## Sales development

Electricity sales, excluding sales to Nord Pool Spot and deliveries to minority owners, declined by 9.1 TWh to 111.4 TWh (120.5), primarily as a result of lower volumes in the business segment in France. Gas sales declined by 9.8 TWh to 47.3 TWh (57.1) as a result of warmer weather and lower demand in the Netherlands and Germany. Heat sales declined by 1.5 TWh to 14.1 TWh (15.6) as a result of warmer weather.

	Jan-Dec			Oct-Dec		
	2022	2021	Change	2022	2021	Change
Sales of electricity to customers, TWh	111.4	120.5	-8%	29.6	32.1	-8%
Sales of gas, TWh	47.3	57.1	-17%	14.1	17.3	-18%
Sales of heat, TWh	14.1	15.6	-10%	4.7	5.1	-8%

### TEMPERATURE EFFECTS

Temperature impacts sales volume in the operating segments Customers & Solutions and Heat. Lower temperatures usually mean higher demand for heating (including gas) and electricity. In the Nordic countries, this mainly affects sales of electricity and heat. In Germany and the Netherlands, gas remains the primary source of heat, which means that low temperatures increase demand for gas in addition to increased sales of heat.

### TEMPERATURE DEVIATION FROM NORMAL LEVELS (°C)

	Jan-Dec		Oct-Dec	
	2022	2021	2022	2021
Nordics	0.7	0.0	0.7	0.0
Netherlands	1.3	-0.2	1.6	0.3
Germany	1.2	-0.1	1.2	0.6

In 2022, the temperature in Vattenfall's markets was higher than normal, which affected sales negatively.



## Net sales

**January–December:** Consolidated net sales increased by SEK 59.5 billion, including positive currency effects of SEK 8.5 billion). The increase is mainly attributable to higher electricity prices in the Netherlands, the Nordics, and Germany.

**October–December:** Consolidated net sales increased by SEK 15.3 billion, including positive currency effects of SEK 3.9 billion. The increase is mainly attributable to higher electricity prices in the Netherlands, the Nordics, and Germany.

## Earnings

**January–December:** The underlying operating profit increased by SEK 6.1 billion, which is explained by:

- Higher earnings contributions from the Wind operating segment (SEK +8.6 billion) mainly owing to higher electricity prices on the Continent as well as new capacity
- Higher earnings contributions from the Customers & Solutions operating segment (SEK +5.1 billion) mainly due to temporary sourcing effects for electricity and gas as well as a growing customer base in Germany and the Nordics
- Lower earnings contributions from the Distribution operating segment (SEK -1.1 billion) mainly due to the sale of Stromnetz Berlin on 1 July 2021, higher operating expenses and higher costs for the transmission network
- Lower earnings contributions from the Power Generation operating segment (SEK -2.8 billion) primarily owing to lower achieved electricity prices in the Nordic countries and lower realised earnings contributions from the trading operations
- Lower earnings contributions from the Heat operating segment (SEK -3.2 billion) mainly due to higher prices for gas and CO<sub>2</sub> emission allowances, which led to lower clean spark spreads

Return on capital employed based on underlying operating profit amounted to 12.4%. Items affecting comparability amounted to SEK -24.7 billion (29.1), of which most pertains to changes in market value for energy derivatives and inventories (SEK -20.1 billion) and higher provisions (SEK -5.2 billion), mainly related to the nuclear power operations. Profit for the period totaled SEK 0.0 billion (48.0) and was affected by – in addition to items affecting comparability – lower net financial items as a result of lower return from the Swedish Nuclear

Waste Fund. Profit for the period in 2021 was affected positively by the compensation for the closure of nuclear power operations in Germany (SEK 12.5 billion), changes in market value for energy derivatives and inventories (SEK 10.0 bn) and the capital gain from the sale of Stromnetz Berlin (SEK 8.4 billion).

**October–December:** Underlying operating profit increased by SEK 4.4 billion, mainly as a result of a positive contribution from the operating segments Customers & Solutions (SEK +2.6 bn) and Power Generation (SEK +1.8 bn). Items affecting comparability amounted to SEK -37.5 billion (-1.3), of which most pertains to changes in market value for energy derivatives and inventories (SEK -34.9 billion) and provisions (SEK -1.9 billion) primarily related to nuclear power. Profit for the period was SEK -17.0 billion (6.1).

## Cash flow

**January–December:** Funds from operations (FFO) decreased by SEK 4.0 billion primarily as a result of lower operating profit before depreciation, amortisation and impairment losses (EBITDA), which was offset in part by lower paid taxes. Cash flow from changes in working capital amounted to SEK -41.0 billion. The largest contributing factor were changes related to the net change in margin calls paid and received (SEK -63.1 bn), which to a large extent offset the positive net change in margin calls paid and received in 2021 (SEK 88.0 billion). Additionally, working capital was affected by an increase in operating receivables in the Customers & Solutions operating segment (SEK -8.5 bn) and changes in inventories (SEK +20.1 bn), primarily related to CO<sub>2</sub> emission allowances.

**October–December:** Funds from operations (FFO) decreased by SEK 4.0 billion primarily because compensation for the closure of nuclear power operations in Germany was included in the FFO in the fourth quarter 2021. This was partly offset by higher underlying EBITDA. Cash flow from changes in working capital amounted to SEK -122.5 billion, which is mainly explained by net changes in margin calls paid and received (SEK -130.2 billion).

## KEY FIGURES – GROUP OVERVIEW

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	239 644	180 119	78 819	63 529
Operating profit before depreciation, amortisation and impairment losses (EBITDA) <sup>1</sup>	30 513	75 790	- 18 509	10 226
Operating profit (EBIT) <sup>1</sup>	12 645	60 271	- 24 062	7 750
Underlying operating profit <sup>1</sup>	37 313	31 181	13 469	9 092
Items affecting comparability <sup>1</sup>	- 24 668	29 090	- 37 531	- 1 342
Profit for the period	21	48 013	- 16 959	6 101
Funds from operations (FFO) <sup>1</sup>	42 194	46 096	14 597	18 616
Cash flow from changes in operating assets and operating liabilities (working capital)	- 41 040	55 736	- 122 457	- 14 304
Cash flow from operating activities	1 154	101 832	- 107 860	4 312

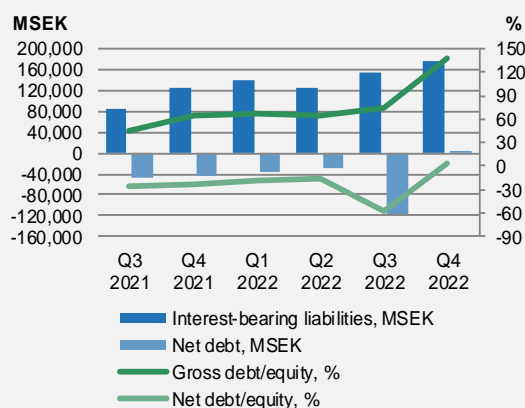
1) See Definitions and calculations of key ratios for definitions of Alternative Performance Measures.

## Capital structure

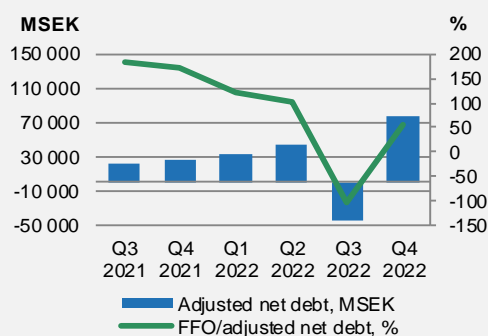
Cash and short-term investments increased by SEK 1.5 billion compared with the level at 31 December 2021. Committed credit facilities consist of a EUR 2.0 billion Revolving Credit Facility that expires in November 2025 and six other committed credit facilities totaling EUR 4.3 billion. As per 31 December 2022 available liquid assets and/or committed credit facilities amounted to 101.8% of net sales. Vattenfall's target is to maintain a level of no less than 10% of consolidated net sales, but at least the equivalent of the next 90 days' maturities.

Net debt increased by SEK 48.6 billion to SEK 3.9 billion and adjusted net debt increased by SEK 49.8 billion to SEK 76.8 billion compared to 31 December 2021. This is mainly attributable to a negative cash flow after investments (SEK -23.2 billion). Dividends paid increased net debt by SEK 25.4 billion. The adjusted net debt was also affected by increased provisions for nuclear power (SEK 13.7 billion, net), which was compensated by lower pension provisions (SEK 12.5 billion).

### NET DEBT



### ADJUSTED NET DEBT



## Strategic objectives and targets for 2025

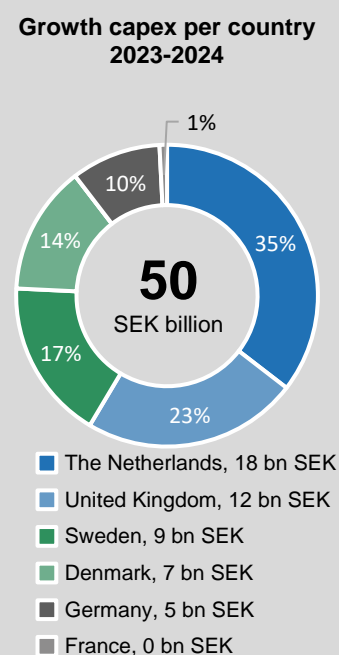
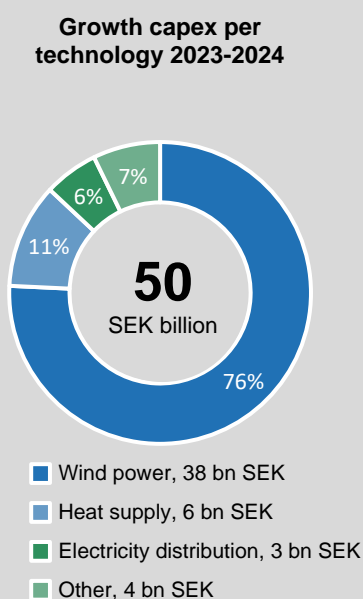
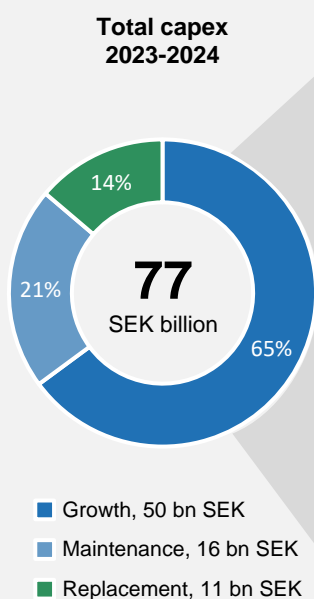
Strategic focus area	Targets for 2025	Outcome 2022	Outcome 2021
Driving decarbonisation with our customers & partners	1. Customer engagement, absolute Net Promoter Score (NPS) <sup>1</sup> : <b>+18</b>	<b>+16</b>	<b>+10</b>
Securing a fossil-free energy supply	2. CO <sub>2</sub> emissions intensity <sup>2</sup> : <b>≤86 gCO<sub>2</sub>e/kWh</b>	<b>78</b>	<b>82</b>
Delivering high-performing operations	3. Funds from operations (FFO)/adjusted net debt <sup>3</sup> : <b>22%–27%</b>	<b>55.0%<sup>4</sup></b>	<b>171.2%</b>
	4. Return On Capital Employed (ROCE) <sup>5</sup> , last 12 months: <b>≥8%</b>	<b>4.2%</b>	<b>22.2%</b>
Empowering our people	5. Lost Time Injury Frequency (LTIF) <sup>6</sup> : <b>≤1.0</b>	<b>1.1</b>	<b>1.7</b>
	6. Employee Engagement Index <sup>7</sup> : <b>≥75%</b>	<b>80%</b>	<b>75%<sup>5</sup></b>

- 1) Absolute NPS is weighted 80% from Customers & Solutions and 20% from Heat, which corresponds to our customer composition. Reported on an annual basis
- 2) Includes CO<sub>2</sub> and other greenhouse gases such as N<sub>2</sub>O and SF<sub>6</sub>, as well as indirect emissions from electricity and heat use (scope 2). Consolidated value where CO<sub>2</sub> is primarily related to the operating segment Heat. The target for 2025 is to be on track to achieving the 1.5° C target by 2030, according to SBT
- 3) Rolling 12-months values. Received margin calls had a significant impact on the outcome for the full year 2021
- 4) Excluding effects from received and paid margin calls FFO/adjusted net debt was at 46.6%
- 5) Rolling 12-month values. Return on capital employed based on underlying operating profit amounted to 12.5%. Compensation for closure of nuclear power in Germany, changes in market value of energy derivatives and inventories and capital gains from the sale of Stromnetz Berlin's had significant impact on the outcome for the full year 2021
- 6) Rolling 12-month values. LTIF (Lost Time Injury Frequency) is expressed in terms of the number of lost time work injuries per 1 million hours worked. The metric pertains only to Vattenfall employees
- 7) Documentation for measurement of target achievement is derived from the results of an employee survey, which is conducted on an annual basis. Due to a change in the answering options in the survey, the results may differ by up to 3 p.p. in both directions

## Investment plan 2023-2024

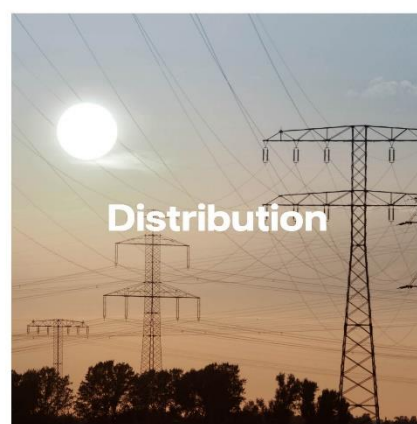
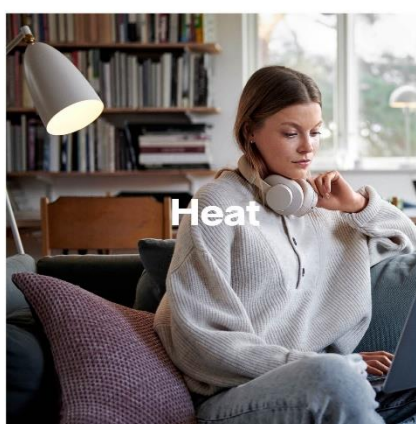
Vattenfall has decided on an investment plan for 2023-2024 of net SEK 77 billion. Gross investments amount to SEK 87 billion and the difference is attributable to partnership for the wind power project Hollandse Kust Zuid 1-4 as well as assumptions related to income derived from divestment of certain onshore wind and solar projects, which are being developed for sale. The amounts stated below refer to net investments.

Growth investments total SEK 50 billion with the largest share, SEK 38 billion, corresponding to 76%, planned to be invested in wind power. Vattenfall will also invest in electricity grids and expansion of district heating operations. Other growth investments include charging infrastructure, solar and battery projects as well as heating and energy solutions.





# Operating segments



Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>Underlying EBIT</b>				
<b>Customers &amp; Solutions</b>	7 413	2 349	2 721	104
<b>Power Generation</b>	16 570	19 334	6 782	4 935
- of which, realised trading result	- 1 360	3 633	- 1 746	- 473
<b>Wind</b>	16 479	7 866	4 521	4 676
<b>Heat</b>	- 3 578	- 343	- 877	- 981
<b>Distribution</b>	2 070	3 152	657	459
- of which, Distribution Germany	—	666	—	—
- of which, Distribution Sweden	2 089	2 516	652	484
<b>Other<sup>1</sup></b>	- 1 590	- 1 189	- 479	- 275
<b>Eliminations</b>	- 51	12	144	174
<b>Underlying operating profit</b>	<b>37 313</b>	<b>31 181</b>	<b>13 469</b>	<b>9 092</b>

1) "Other" pertains mainly to all Staff functions, including Treasury and Shared Service Centres.

## Customers & Solutions

*The Customers & Solutions Business Area is responsible for sales of electricity, gas and energy services in all of Vattenfall's markets.*

### Strong earnings development as more customers choose Vattenfall

- 100% fossil-free electricity supplied to Vattenfall's retail customers in the Netherlands in 2022
- Continued expansion av charging network for electric vehicles with nearly 40,000 installed charging points in total
- Higher customer satisfaction as measured by Net Promoter Score



**Full year:** Net sales increased by 72% compared to 2021. Underlying operating profit increased, mainly owing to temporary sourcing effects for electricity and gas as well as a growing customer base in Germany and the Nordics. Compared to year-end 2021, the customer base increased by 4% to 10.9 million contracts.

Sales of electricity decreased by 3% compared to 2021 mainly due to lower sold volumes to electricity grid operators in France and lower volumes to private customers in the Nordics. Sales of gas decreased by 17%, mainly due to warmer weather and lower consumption in the Netherlands and Germany.

**Q4:** Net sales increased by 66%. Underlying operating profit increased compared to 2021, mainly owing to temporary sourcing effects for electricity and gas as well as a growing customer base in Germany and the Nordics. The underlying operating profit for the fourth quarter 2021 was affected by high sourcing costs.

In 2022, Vattenfall delivered 100% fossil-free electricity from wind, solar and hydro for the first time to its retail customers in the Netherlands. The total delivery volume of electricity was covered by Dutch Guarantees of Origin.

Vattenfall continues to expand its public charging network for electric vehicles and the total number of connected charging points amounted to 39,606 at the end of 2022. In the

Netherlands, the first 6,000 charging points have been installed in the provinces North Brabant and Limburg and in the provinces Gelderland and Overijssel, the first 700 charging points have now been installed. In Germany, Vattenfall entered into an agreement with Bunting Group for the installation of fast chargers at around 200 customer parking spots for the retail chains Combi and famila in Lower Saxony by 2025.

Together with the municipality of Amsterdam and other partners, Vattenfall has completed the Flexpower 3 research project that applies flexible charging speed at public charging points for electric cars. The charging speed adapts to the total number of cars charging at a given time and the capacity available on the power grid at that time. This way of smart charging creates up to three times more space for new charging points without increasing the peak load on the electricity network. The municipality of Amsterdam intends to apply the Flexpower concept to all current and future public charging points in Amsterdam.

Rising energy prices is a challenge for many of Vattenfall's customers. Vattenfall's customer service receive a lot of questions about invoices, payments and the implications of new regulations. One of the main risks for Vattenfall are defaults by customers and counterparties caused by the continued high electricity and commodity prices. Vattenfall provides advice about energy savings and helps its customers address the current situation and find the most suitable solutions.

### KEY FIGURES – CUSTOMERS & SOLUTIONS

Amounts in SEK million unless indicated otherwise	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	183 151	106 560	59 593	35 822
External net sales	174 026	102 300	56 723	34 109
Underlying EBITDA	8 393	3 230	2 992	317
Underlying EBIT	7 413	2 349	2 721	104
Sales of electricity, TWh	93.5	96.1	24.8	25.5
- of which, private customers	27.1	26.8	6.9	7.5
- of which, resellers	20.7	7.9	6.5	2.6
- of which, business customers	45.7	61.4	11.4	15.4
Sales of gas, TWh	46.4	56.0	13.7	16.9
Number of employees, full-time equivalents	3 289	3 213	3 289	3 213

## Power Generation

Power Generation comprises the Generation and Markets Business Areas. The segment includes Vattenfall's hydro and nuclear power operations, maintenance services business, and optimisation and trading operations including certain large business customers. The result from hedging of the Group's net exposure in electricity and fuel is reported in this segment.

### Full-year earnings negatively affected by lower achieved prices

- Acquisition of an early pumped storage hydro power project in Germany
- Generation record at Forsmark nuclear power plant
- Repair works at Ringhals 4 ongoing at high pace

**Full-year:** Net sales increased by 63%. Underlying operating profit decreased by 14%. The decrease is partly attributable to lower achieved electricity prices in the Nordic countries due to major price differences between price areas in Sweden. A lower realised trading result also had a negative impact. Higher contribution from pumped hydro storage operations in Germany had an offsetting impact.

Electricity generation from nuclear power decreased due to lower availability as a result of prolonged outage at Ringhals 4. The nuclear power plant Forsmark reached record levels of generation in 2022 with 25.5 TWh delivered volume.

**Q4:** Net sales increased by 30%. Underlying operating profit increased by 37%, mainly owing to higher achieved electricity price in the Nordic countries due to increased transmission



capacity between price area SE2 and SE3 in Sweden. A lower realised trading result had a countering effect.

Vattenfall has acquired a pumped storage hydro power project in Thuringia in southern Germany from the construction company STRABAG. The project is located just a few kilometers from Vattenfall's existing pumped storage power plant site of Hohenwarte and the purpose is to investigate the possibility to build a new 400 MW power plant. The project is in an early stage and a possible decision to build a plant would not be made before the end of the decade.

The work on repairing the damaged pressure regulator at Ringhals 4 is ongoing at high pace. Together with suppliers and consultants, more than 100 employees are engaged in the work on restarting the electricity generation. The restart of the reactor is planned for 19 March 2023.

### KEY FIGURES – POWER GENERATION

Amounts in SEK million unless indicated otherwise	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	205 788	126 318	68 431	52 649
External net sales	28 193	40 312	10 777	16 962
Underlying EBITDA	21 621	23 714	8 112	6 073
Underlying EBIT	16 570	19 334	6 782	4 935
- of which, realised trading result	- 1 360	3 633	- 1 746	- 473
Electricity generation, TWh	80.1	81.2	19.8	21.5
- of which, hydro power	40.5	40.8	10.5	10.3
- of which, nuclear power	39.6	40.4	9.3	11.2
Sales of electricity, TWh	15.6	22.2	4.5	5.9
- of which, resellers	13.8	17.5	4.0	2.0
- of which, business customers	1.8	4.7	0.5	3.9
Sales of gas, TWh	0.9	1.1	0.4	0.4
Number of employees, full-time equivalents	7 219	7 260	7 219	7 260



## Wind

*The Wind Business Area is responsible for development, construction and operation of Vattenfall's wind farms as well as large-scale and decentralised solar power and batteries.*

### Higher electricity prices and new capacity had a positive impact on earnings

- Vattenfall to build Finland's first major offshore wind farm
- Investment decision for three solar farms in the Netherlands
- Investment decision for two battery projects in Sweden



**Full year:** Net sales increased by 39% compared to 2021. Underlying operating profit increased by 109% as a result of higher electricity prices on the Continent and new capacity. Electricity generation increased by 9% as a result of new capacity and higher wind speeds in the first half of the year, especially in Germany and Denmark.

**Q4:** Net sales decreased by 22%. Underlying operating profit decreased by 3%. A lower contribution from divestment of onshore assets had a negative impact, where the wind farm Princess Ariane was partially divested in the fourth quarter of 2021. Higher electricity prices in all markets, except for UK, had a positive impact on the underlying operating profit. Electricity generation remained unchanged compared with the fourth quarter 2021.

Vattenfall is expanding its role in Finland; from being one of the largest electricity retailers to also becoming a major producer of renewable electricity. In December, Vattenfall entered a joint

venture with the state owned enterprise Metsähallitus to build and operate Finland's first major offshore wind farm. The project, located at Korsnäs off the Finnish west coast, will have a capacity of 1.3 GW, which corresponds to the annual electricity consumption for over 600,000 Finnish households. The wind farm is planned to be operational in the early 2030s.

Vattenfall took the final investment decision for three solar farms in the Netherlands. The total capacity amounts to 47 MW and commissioning is expected at the end of 2023. Vattenfall also decided to invest in two battery projects in Sweden that will be co-located at the two wind farms Hjuleberg and Höge Väg. The batteries will have a total capacity of 55 MW and are planned to be operational in the first quarter of 2024.

In November, Vattenfall submitted a bid together with Skyborn (formerly wpd) and CDC for a 1 GW offshore wind tender in France. A decision is expected in the first quarter of 2023.

### KEY FIGURES – WIND

Amounts in SEK million unless indicated otherwise	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	29 109	20 872	7 987	10 256
External net sales	4 308	7 791	1 095	4 150
Underlying EBITDA	22 508	13 451	6 097	6 118
Underlying EBIT	16 479	7 866	4 521	4 676
Electricity generation - wind power TWh <sup>1</sup>	12.2	11.2	3.6	3.9
Sales of electricity, TWh	1.2	1.0	0.3	0.4
Number of employees, full-time equivalents	1 521	1 279	1 521	1 279

1) Including electricity generation from solar power

## Heat

The Heat Business Area comprises Vattenfall's heat business (district heating and decentralised solutions) and gas-fired condensing plants.

### Lower clean spark spreads affected results negatively

- Investment decision for a 150 MW Power-to-Heat boiler in Diemen in the Netherlands
- Concession contract with the municipality of Rotterdam for heat supply to the Heindijk area

**Full year:** Net sales increased by 74% compared with 2021. Underlying operating profit decreased mainly owing to higher gas prices which led to lower clean spark spreads primarily affecting heat operations. Higher operating expenses largely driven by ongoing projects and planned maintenance also impacted the underlying operating profit negatively. This was partly offset by higher heat prices following post-hoc price adjustments for the fuel price development. Hedging of spreads also had an offsetting effect, which is reported in the Power Generation operating segment.

Sales of heat decreased due to higher temperatures and electricity generation decreased as a result of the lower spreads. Compared with year-end 2021, the number of customers increased by 2.2% to the equivalent of 2.0 million households.<sup>1</sup>

**Q4:** Net sales increased by 19% compared with the fourth quarter of 2021. Underlying operating profit increased by 11% compared with the same period a year ago. Higher heat prices following post-hoc price adjustments for the fuel price development were partly offset by higher gas prices resulting in lower clean spark spreads. Higher operating expenses primarily



owing to ongoing projects and planned maintenance also had a negative impact on the underlying operating profit.

Vattenfall has taken an investment decision for a 150 MW capacity power-to-heat boiler at the heat facility in Diemen, Amsterdam. The boiler will run on surplus fossil-free electricity to heat water for the district heating network of Amsterdam South and East, Almere and Diemen. On average, the boiler is expected to produce heat for around 20,000 homes and the facility is expected to be completed in the beginning of 2025.

Vattenfall has signed the concession contract with the municipality of Rotterdam for heat supply to the Heindijk area. This is Vattenfall's first project in the Netherlands to facilitate the transition of existing owner-occupied houses from gas-fired boilers to district heating. The first households were connected to the district heating network in December.

In May 2022, Vattenfall initiated a strategic review of its heat business in Berlin. A structured bidding process was launched in December and has attracted the interest of many potential investors. At the end of the process Vattenfall will decide whether to sell or retain the heat business. A decision is expected to be made in 2023.

### KEY FIGURES – HEAT

Amounts in SEK million unless indicated otherwise	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	60 505	34 759	18 039	15 119
External net sales	20 933	14 655	6 835	4 819
Underlying EBITDA	- 641	2 590	- 122	- 237
Underlying EBIT	- 3 578	- 343	- 877	- 981
Electricity generation - TWh	16.6	19.0	4.9	5.1
- of which, fossil-based power	16.3	18.6	4.8	5.0
- of which, biomass, waste	0.3	0.3	0.1	0.1
Sales of electricity business customers, TWh	1.1	1.2	0.2	0.3
Sales of heat, TWh	14.1	15.6	4.7	5.1
Number of employees, full-time equivalents	3 188	3 126	3 188	3 126

1) Including decentralised energy solutions that have previously been reported separately



## Distribution

*The Distribution Business Area comprises Vattenfall's electricity distribution operations in Sweden and the UK as well as the unregulated offering Power-as-a-Service*

### Roll-out of smart electricity meters and high demand for connections to the electricity grid

- Inauguration of a new regional grid station in Luleå, Sweden
- Reduced grid tariff for customers connected to the local grid in northern Sweden

**Full-year:** Net sales decreased by 28%, and underlying operating profit decreased by 34% compared to 2021. The sale of Stromnetz Berlin on 1 July 2021 affected the net sales comparison by SEK 5.3 billion and the underlying operating profit negatively by SEK 0.7 billion. In addition, underlying operating profit in the Swedish operation was affected by higher operating expenses, mainly owing to growth activities, as well as higher costs for the transmission network. Increased net sales had an offsetting impact. Costs related to the transmission network are recognised as non-controllable costs and are fully reimbursed within the revenue regulation.

**Q4:** Net sales increased by 1% compared to 2021, and underlying operating profit increased by 43%, mainly owing to lower costs for the transmission network and for network losses. This was partly offset by higher personnel expenses and maintenance-related costs caused by growth.

Demand for electricity is increasing significantly in northern Sweden. Luleå is one of the fastest growing municipalities, which places high demands on a robust and future-proof infrastructure able to cope with the increased energy demand from industries, businesses, and society in general. In December, Vattenfall and Luleå Energi inaugurated a new regional grid station with 130 kV switchgear and a new 40 kV receiving station in Notviken.

After four years, the EU-funded project CoordiNet was completed in October 2022. Over the course of the project, Vattenfall, E.ON, and Svenska kraftnät partnered on operating local flexibility markets in Skåne, Uppsala, Gotland, and Västernorrland/Jämtland. The flexibility markets in Uppsala and parts of Skåne will continue to operate also after CoordiNet has ended.



Vattenfall is continuing to install smart meters, and nearly 300,000 customers have now received new meters. The new meters result in a more robust electricity grid that provides access to an expanded array of energy-related services that make it easier for customers to manage and monitor their electricity consumption. There is clearly a growing interest in producing one's own electricity based on customer enquiries related to connecting solar panels. At the same time, Vattenfall's customer service is receiving an inflow of enquiries at up to three times the normal volume. Vattenfall has deployed additional resources to reduce waiting times and developed the website to make it even easier for the customers.

As of 1 January 2023, Vattenfall Electricity Distribution adjusted the grid tariff for private and business customers connected to local grids. The grid tariff was left unchanged for southern and central Sweden, while in northern Sweden the tariff was lowered by an average of 9%. The decrease corresponds to SEK 600-900 per year for a single-family detached house and roughly SEK 80 for a flat. This means that Vattenfall's local grid customers will have a uniform tariff irrespective of where they live in Sweden.

In October, the Energy Markets Inspectorate approved the concession application for two 130 kV overhead power lines from Hedelunda to Oxelösund. The lines will enable the connection of SSAB's electric arc furnace, which will result in a substantial reduction in CO<sub>2</sub> emissions..

At the end of December, the Energy Market Inspectorate issued a notice related to energy grid utilities' reporting for the 2024-2027 supervisory period. This indicates that the inspectorate intends to change its method for determining electric utilities' revenue frames. The consequences that this will have for Vattenfall will need further analysis.

### KEY FIGURES – DISTRIBUTION

Amounts in SEK million unless indicated otherwise

	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	12 497	17 262	3 471	3 429
External net sales	11 733	14 643	3 272	3 306
Underlying EBITDA	4 622	5 913	1 324	1 102
Underlying EBIT	2 070	3 152	657	459
Number of employees, full-time equivalents	1 340	1 165	1 340	1 165

## Other

*Other pertains mainly to all Staff functions, including Treasury and Shared Service Centres.*

Net sales consist primarily of revenues attributable to Vattenfall's service organisations such as Shared Services, IT and Vattenfall Insurance.

### KEY FIGURES – OTHER

Amounts in SEK million unless indicated otherwise	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	8 530	6 169	2 372	1 714
External net sales	451	418	117	183
Underlying EBITDA	- 693	- 326	- 238	- 95
Underlying EBIT	- 1 590	- 1 189	- 479	- 275
Number of employees, full-time equivalents	3 081	2 792	3 081	2 792

# Consolidated income statement

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Net sales	239 644	180 119	78 819	63 529
Cost of purchases	- 167 013	- 87 474	- 84 211	- 43 072
Other external expenses	- 20 908	- 18 450	- 6 442	- 5 064
Personnel expenses	- 20 557	- 19 801	- 5 415	- 4 993
Other operating income and expenses, net	- 790	21 454	- 1 293	- 159
Participations in the results of associated companies	137	- 58	33	- 15
<b>Operating profit before depreciation, amortisation and impairment losses (EBITDA)</b>	<b>30 513</b>	<b>75 790</b>	<b>- 18 509</b>	<b>10 226</b>
Depreciation, amortisation and impairments	- 17 868	- 15 519	- 5 553	- 2 476
<b>Operating profit (EBIT)</b>	<b>12 645</b>	<b>60 271</b>	<b>- 24 062</b>	<b>7 750</b>
Financial income <sup>3</sup>	854	783	245	110
Financial expenses <sup>1,2,3</sup>	- 7 978	- 5 906	- 1 837	- 1 599
Return from the Swedish Nuclear Waste Fund	- 5 608	4 225	935	895
<b>Profit before income taxes</b>	<b>- 87</b>	<b>59 373</b>	<b>- 24 719</b>	<b>7 156</b>
Income taxes	108	- 11 360	7 760	- 1 055
<b>Profit for the period</b>	<b>21</b>	<b>48 013</b>	<b>- 16 959</b>	<b>6 101</b>
Attributable to owner of the Parent Company	- 1 102	46 828	- 17 605	5 774
Attributable to non-controlling interests	1 123	1 185	646	327
<b>Supplementary information</b>				
Underlying EBITDA <sup>4</sup>	55 759	48 584	18 309	13 452
Underlying EBIT <sup>4</sup>	37 313	31 181	13 469	9 092
Financial items, net excl. discounting effects attributable to provisions and return from the Swedish Nuclear Waste Fund	- 5 115	- 3 090	- 1 082	- 983
1) Including interest components related to pension costs	- 578	- 439	- 147	- 110
2) Including discounting effects attributable to provisions	- 2 009	- 2 033	- 510	- 506
3) Items affecting comparability recognised as financial income and expenses, net	6	- 6	—	—
4) See note 4 for information on items affecting comparability				

# Consolidated statement of comprehensive income

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>Profit for the period</b>	<b>21</b>	<b>48 013</b>	<b>- 16 959</b>	<b>6 101</b>
<b>Other comprehensive income</b>				
<b>Items that will be reclassified to profit or loss when specific conditions are met</b>				
Cash flow hedges - changes in fair value	14 478	82 259	- 58 369	20 435
Cash flow hedges - dissolved against income statement	- 106 390	- 31 553	- 29 991	- 22 878
Cash flow hedges - transferred to cost of hedged item	- 16	16	- 20	5
Hedging of net investments in foreign operations	- 2 777	- 1 414	- 764	- 437
Translation differences, divested companies	—	697	—	8
Translation differences	14 684	3 218	4 452	1 348
Income taxes related to items that will be reclassified	25 498	- 15 420	29 125	927
<b>Total items that will be reclassified to profit or loss when specific conditions are met</b>	<b>- 54 523</b>	<b>37 803</b>	<b>- 55 567</b>	<b>- 592</b>
<b>Items that will not be reclassified to profit or loss</b>				
Remeasurement pertaining to defined benefit obligations	13 178	- 670	- 3 379	- 1 096
Income taxes related to items that will not be reclassified	- 3 582	226	993	231
<b>Total items that will not be reclassified to profit or loss</b>	<b>9 596</b>	<b>- 444</b>	<b>- 2 386</b>	<b>- 865</b>
<b>Total other comprehensive income, net after income taxes</b>	<b>- 44 927</b>	<b>37 359</b>	<b>- 57 953</b>	<b>- 1 457</b>
<b>Total comprehensive income for the period</b>	<b>- 44 906</b>	<b>85 372</b>	<b>- 74 912</b>	<b>4 644</b>
Attributable to owner of the Parent Company	- 47 227	83 915	- 76 057	4 188
Attributable to non-controlling interests	2 321	1 457	1 145	456

# Operating segments, Vattenfall Group

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>External net sales</b>				
Customers & Solutions	174 026	102 300	56 723	34 109
Power Generation	28 193	40 312	10 777	16 962
Wind	4 308	7 791	1 095	4 150
Heat	20 933	14 655	6 835	4 819
Distribution	11 733	14 643	3 272	3 306
- of which, Distribution Germany	—	3 203	—	1
- of which, Distribution Sweden	11 585	11 310	3 227	3 269
Other <sup>1</sup>	451	418	117	183
<b>Total</b>	<b>239 644</b>	<b>180 119</b>	<b>78 819</b>	<b>63 529</b>
<b>Internal net sales</b>				
Customers & Solutions	9 125	4 260	2 870	1 713
Power Generation	177 595	86 006	57 654	35 687
Wind	24 801	13 081	6 892	6 106
Heat	39 572	20 104	11 204	10 300
Distribution	764	2 619	199	123
- of which, Distribution Germany	—	2 061	—	1
- of which, Distribution Sweden	766	586	201	137
Other <sup>1</sup>	8 079	5 751	2 255	1 531
<b>Eliminations</b>	<b>- 259 936</b>	<b>- 131 821</b>	<b>- 81 074</b>	<b>- 55 460</b>
<b>Total</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Total net sales</b>				
Customers & Solutions	183 151	106 560	59 593	35 822
Power Generation	205 788	126 318	68 431	52 649
Wind	29 109	20 872	7 987	10 256
Heat	60 505	34 759	18 039	15 119
Distribution	12 497	17 262	3 471	3 429
- of which, Distribution Germany	—	5 264	—	2
- of which, Distribution Sweden	12 351	11 896	3 428	3 406
Other <sup>1</sup>	8 530	6 169	2 372	1 714
<b>Eliminations</b>	<b>- 259 936</b>	<b>- 131 821</b>	<b>- 81 074</b>	<b>- 55 460</b>
<b>Total</b>	<b>239 644</b>	<b>180 119</b>	<b>78 819</b>	<b>63 529</b>



Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b><u>Operating profit before depreciation, amortisation and impairment losses (EBITDA)</u></b>				
Customers & Solutions	8 396	3 241	2 992	318
Power Generation	- 2 903	42 053	- 28 649	2 607
Wind	22 554	13 534	6 120	6 126
Heat	- 1 515	2 842	- 203	- 12
Distribution	4 637	5 911	1 330	1 101
- of which, Distribution Germany	—	1 008	—	—
- of which, Distribution Sweden	4 590	4 873	1 309	1 109
Other <sup>1</sup>	- 605	8 197	- 243	- 88
Eliminations	- 51	12	144	174
<b>Total</b>	<b>30 513</b>	<b>75 790</b>	<b>- 18 509</b>	<b>10 226</b>
<b><u>Underlying EBITDA</u></b>				
Customers & Solutions	8 393	3 230	2 992	317
Power Generation	21 621	23 714	8 112	6 073
Wind	22 508	13 451	6 097	6 118
Heat	- 641	2 590	- 122	- 237
Distribution	4 622	5 913	1 324	1 102
- of which, Distribution Germany	—	1 009	—	—
- of which, Distribution Sweden	4 573	4 874	1 302	1 110
Other <sup>1</sup>	- 693	- 326	- 238	- 95
Eliminations	- 51	12	144	174
<b>Total</b>	<b>55 759</b>	<b>48 584</b>	<b>18 309</b>	<b>13 452</b>

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b><u>Operating profit (EBIT)</u></b>				
Customers & Solutions	7 416	2 446	2 721	191
Power Generation	- 7 949	39 502	- 29 974	3 299
Wind	16 436	7 919	4 455	4 654
Heat	- 3 790	- 91	- 1 587	- 756
Distribution	2 086	3 150	662	458
- of which, Distribution Germany	—	665	—	—
- of which, Distribution Sweden	2 107	2 515	660	483
Other <sup>1</sup>	- 1 503	7 333	- 483	- 270
Eliminations	- 51	12	144	174
<b>Operating profit (EBIT)</b>	<b>12 645</b>	<b>60 271</b>	<b>- 24 062</b>	<b>7 750</b>
Operating profit (EBIT)	12 645	60 271	- 24 062	7 750
Financial net	- 12 732	- 898	- 657	- 594
<b>Profit before tax</b>	<b>- 87</b>	<b>59 373</b>	<b>- 24 719</b>	<b>7 156</b>
<b><u>Underlying EBIT</u></b>				
Customers & Solutions	7 413	2 349	2 721	104
Power Generation	16 570	19 334	6 782	4 935
Wind	16 479	7 866	4 521	4 676
Heat	- 3 578	- 343	- 877	- 981
Distribution	2 070	3 152	657	459
- of which, Distribution Germany	—	666	—	—
- of which, Distribution Sweden	2 089	2 516	652	484
Other <sup>1</sup>	- 1 590	- 1 189	- 479	- 275
Eliminations	- 51	12	144	174
<b>Underlying EBIT</b>	<b>37 313</b>	<b>31 181</b>	<b>13 469</b>	<b>9 092</b>

1) "Other" pertains mainly to all Staff functions, including Treasury, Shared Service Centres and material capital gains and -losses.

# Consolidated balance sheet

Amounts in SEK million	31 Dec 2022	31 Dec 2021
<b>Assets</b>		
<b>Non-current assets</b>		
Intangible assets: non-current	18 347	17 070
Property, plant and equipment	276 901	252 828
Participations in associated companies and joint arrangements	7 094	6 110
Other shares and participations	324	313
Share in the Swedish Nuclear Waste Fund	47 517	52 772
Derivative assets	31 187	35 240
Deferred tax assets	16 133	8 905
Contract assets <sup>1</sup>	51	85
Other non-current receivables <sup>1</sup>	3 411	2 894
<b>Total non-current assets</b>	<b>400 965</b>	<b>376 217</b>
<b>Current assets</b>		
Inventories	20 969	41 539
Intangible assets: current	3 043	4 861
Trade receivables and other receivables <sup>1</sup>	54 016	44 443
Contract assets <sup>1</sup>	175	290
Advance payments paid	20 199	8 362
Derivative assets	89 692	120 645
Prepaid expenses and accrued income	20 775	12 402
Current tax assets	160	2 717
Short-term investments	65 846	102 706
Cash and cash equivalents	106 540	68 176
Assets held for sale	9 947	—
<b>Total current assets</b>	<b>391 362</b>	<b>406 141</b>
<b>Total assets</b>	<b>792 327</b>	<b>782 358</b>
<b>Equity and liabilities</b>		
<b>Equity</b>		
Attributable to owner of the Parent Company	110 473	180 710
Attributable to non-controlling interests	18 464	16 472
<b>Total equity</b>	<b>128 937</b>	<b>197 182</b>
<b>Non-current liabilities</b>		
Hybrid Capital	17 760	20 421
Other interest-bearing liabilities	78 848	50 839
Pension provisions	27 812	40 328
Other interest-bearing provisions	128 239	116 637
Derivative liabilities	45 337	30 307
Deferred tax liabilities	13 648	33 913
Contract liabilities <sup>1</sup>	8 936	7 422
Other noninterest-bearing liabilities	2 108	2 018
<b>Total non-current liabilities</b>	<b>322 688</b>	<b>301 885</b>
<b>Current liabilities</b>		
Trade payables and other liabilities	48 797	39 241
Contract liabilities <sup>1</sup>	873	1 213
Advance payments received	26 692	62 790
Derivative liabilities	151 657	99 511
Accrued expenses and deferred income	23 105	18 460
Current tax liabilities	1 201	2 418
Hybrid Capital	4 171	—
Other interest-bearing liabilities	75 986	55 148
Interest-bearing provisions	4 382	4 510
Liabilities associated with assets held for sale	3 838	—
<b>Total current liabilities</b>	<b>340 702</b>	<b>283 291</b>
<b>Total equity and liabilities</b>	<b>792 327</b>	<b>782 358</b>

1) The presentation has been adjusted compared with information previously published in Vattenfall's financial reports. See note 1.

## SUPPLEMENTARY INFORMATION

Amounts in SEK million	31 Dec 2022	31 Dec 2021
<b>Calculation of capital employed</b>		
Intangible assets: current and non-current	21 390	21 931
Property, plant and equipment	276 901	252 828
Participations in associated companies and joint arrangements	7 094	6 110
Deferred and current tax assets	16 293	11 622
Non-current noninterest-bearing receivables	811	339
Contract assets	226	375
Inventories	20 969	41 539
Trade receivables and other receivables	54 016	44 443
Prepaid expenses and accrued income	20 775	12 402
Unavailable liquidity	2 996	3 446
Other	805	643
<b>Total assets excl. financial assets</b>	<b>422 276</b>	<b>395 678</b>
Deferred and current tax liabilities	- 14 849	- 36 331
Other noninterest-bearing liabilities	- 2 108	- 2 018
Contract liabilities	- 9 809	- 8 635
Trade payable and other liabilities	- 48 797	- 39 241
Accrued expenses and deferred income	- 23 105	- 18 460
Other	- 1 562	- 899
<b>Total noninterest-bearing liabilities</b>	<b>- 100 230</b>	<b>- 105 584</b>
Other interest-bearing provisions not related to adjusted net debt <sup>1</sup>	- 10 114	- 9 213
Adjustment related to assets/liabilities held for sale	6 109	—
<b>Capital employed<sup>2</sup></b>	<b>318 041</b>	<b>280 881</b>
<b>Capital employed, average</b>	<b>299 461</b>	<b>271 674</b>
<b>Calculation of net debt</b>		
Hybrid Capital	- 21 931	- 20 421
Bond issues and liabilities to credit institutions	- 63 937	- 37 732
Short-term debt, commercial papers and repo	- 71 017	- 46 189
Liabilities to associated companies	- 930	- 1 452
Liabilities to owners of non-controlling interests	- 9 667	- 10 747
Other liabilities	- 9 283	- 9 867
<b>Total interest-bearing liabilities</b>	<b>- 176 765</b>	<b>- 126 408</b>
Cash and cash equivalents	106 540	68 176
Short-term investments	65 846	102 706
Loans to owners of non-controlling interests in foreign Group companies	521	229
<b>Net debt<sup>2</sup></b>	<b>- 3 858</b>	<b>44 703</b>
<b>Calculation of adjusted gross debt and net debt</b>		
Total interest-bearing liabilities	- 176 765	- 126 408
50% of Hybrid Capital <sup>3</sup>	10 966	10 211
Present value of pension obligations	- 27 812	- 40 328
Provisions for gas and wind operations and other environment-related provisions	- 11 454	- 11 687
Provisions for nuclear power (net) <sup>4</sup>	- 53 930	- 40 233
Margin calls received	2 142	3 340
Liabilities to owners of non-controlling interests due to consortium agreements	9 667	10 747
Adjustment related to assets/liabilities held for sale	1 031	—
<b>Adjusted gross debt</b>	<b>- 246 156</b>	<b>- 194 359</b>
Reported cash and cash equivalents and short-term investments	172 386	170 882
Unavailable liquidity	- 2 996	- 3 446
<b>Adjusted cash and cash equivalents and short-term investments</b>	<b>169 390</b>	<b>167 436</b>
<b>Adjusted net debt<sup>2</sup></b>	<b>- 76 766</b>	<b>- 26 924</b>

1) Includes personnel-related provisions for non-pension purposes, provisions for tax and legal disputes and certain other provisions.

2) See Definitions and calculations of key ratios for definitions of Alternative Performance Measures.

3) 50% of Hybrid Capital is treated as equity by the rating agencies, which thereby reduces adjusted net debt.

4) The calculation is based on Vattenfall's share of ownership in the respective nuclear power plants, less Vattenfall's share in the Swedish Nuclear Waste Fund and liabilities relating to funding of decommissioning obligations in Stade and Brokdorf. Vattenfall has the following ownership interests in the respective plants: Forsmark 66%, Ringhals 70.4%, Brokdorf 20%, Brunsbüttel 66.7%, Krümmel 50% and Stade 33.3%. (According to a special agreement, Vattenfall is responsible for 100% of the provisions for Ringhals.)

# Consolidated statement of cash flows

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>Operating activities</b>				
Operating profit before depreciation, amortisation and impairment losses (EBITDA)	30 513	75 790	- 18 509	10 226
Tax paid	- 4 360	- 6 725	- 1 622	- 4 005
Capital gains/losses, net	- 189	- 8 760	- 79	- 124
Interest received	897	523	388	170
Interest paid	- 3 811	- 3 226	- 978	- 655
Other, incl. non-cash items	19 144	- 11 506	35 397	13 004
<b>Funds from operations (FFO)</b>	<b>42 194</b>	<b>46 096</b>	<b>14 597</b>	<b>18 616</b>
Changes in inventories	20 146	- 23 067	53	- 19 112
Changes in operating receivables	- 11 196	- 31 816	- 20 724	- 20 261
Changes in operating liabilities <sup>1</sup>	12 004	26 232	24 805	17 670
Margin calls <sup>1</sup>	- 63 128	88 995	- 130 172	9 769
Other changes	1 134	- 4 608	3 581	- 2 370
<b>Cash flow from changes in operating assets and operating liabilities</b>	<b>- 41 040</b>	<b>55 736</b>	<b>- 122 457</b>	<b>- 14 304</b>
<b>Cash flow from operating activities</b>	<b>1 154</b>	<b>101 832</b>	<b>- 107 860</b>	<b>4 312</b>
<b>Investing activities</b>				
Acquisitions in Group companies <sup>1</sup>	528	- 114	701	- 59
Investments in associated companies and other shares and participations	- 238	- 278	- 165	- 101
Other investments in non-current assets	- 24 914	- 25 157	- 7 852	- 7 585
<b>Total investments</b>	<b>- 24 624</b>	<b>- 25 549</b>	<b>- 7 316</b>	<b>- 7 745</b>
Divestments <sup>1</sup>	751	19 579	458	283
Changes in short-term investments <sup>1</sup>	42 877	- 73 051	31 864	- 38 410
<b>Cash flow from investing activities</b>	<b>19 004</b>	<b>- 79 021</b>	<b>25 006</b>	<b>- 45 872</b>
<b>Cash flow before financing activities</b>	<b>20 158</b>	<b>22 811</b>	<b>- 82 854</b>	<b>- 41 560</b>
<b>Financing activities</b>				
Changes in loans to owners of non-controlling interests in foreign Group companies	- 260	153	101	101
Loans raised <sup>2</sup>	97 400	51 150	42 650	44 615
Amortisation of other debt <sup>2</sup>	- 53 997	- 35 870	- 22 366	- 3 738
Divestment of shares in Group companies to owners of non-controlling interests	—	4 025	—	9
Redemption of Hybrid Capital	—	- 2 941	—	—
Issue of Hybrid Capital	—	6 481	—	—
Dividends paid to owners	- 25 360	- 5 190	- 1 169	- 1
Contribution to owners of non-controlling interests	- 1 791	- 601	- 868	- 373
Contribution from owners of non-controlling interests	3 697	1 786	1 488	1 242
<b>Cash flow from financing activities</b>	<b>19 689</b>	<b>18 993</b>	<b>19 836</b>	<b>41 855</b>
<b>Cash flow for the period</b>	<b>39 847</b>	<b>41 804</b>	<b>- 63 018</b>	<b>295</b>

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>Cash and cash equivalents</b>				
Cash and cash equivalents at start of period	68 176	26 074	173 367	67 644
Cash and cash equivalents included in assets held for sale	- 4 307	—	- 4 307	—
Cash flow for the period	39 847	41 804	- 63 018	295
Translation differences	2 824	298	498	237
<b>Cash and cash equivalents at end of period</b>	<b>106 540</b>	<b>68 176</b>	<b>106 540</b>	<b>68 176</b>

1) The value has been adjusted compared with information previously published in Vattenfall's financial reports. See note 1.

2) Short-term borrowings in which the duration is three months or shorter are reported net.

## SUPPLEMENTARY INFORMATION

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>Cash flow before financing activities</b>	<b>20 158</b>	<b>22 811</b>	<b>- 82 854</b>	<b>- 41 560</b>
Change in margin calls from Treasury operations	- 521	- 1 700	738	- 182
Changes in short-term investments	- 42 877	73 051	- 31 864	38 410
<b>Financing activities</b>				
Divestment of shares in Group companies to owners of non-controlling interests	—	4 025	—	9
Dividends paid to owners	- 25 360	- 5 190	- 1 169	- 1
Contribution to/from owners of non-controlling interests	1 906	1 185	620	869
<b>Cash flow after dividend</b>	<b>- 46 694</b>	<b>94 182</b>	<b>- 114 529</b>	<b>- 2 455</b>
<b>Analysis of change in net debt</b>				
Net debt at start of period	44 703	- 48 178	116 008	47 348
Cash flow after dividend	- 46 694	94 182	- 114 529	- 2 455
Changes as a result of valuation at fair value	2 225	660	- 270	- 143
Changes in interest-bearing liabilities for leasing	- 1 318	- 1 442	- 266	- 444
Interest-bearing liabilities/short-term investments acquired/divested	—	- 13	—	- 10
Cash and cash equivalents included in assets held for sale	- 4 307	—	- 4 307	—
Translation differences on net debt	1 533	- 506	- 494	407
<b>Net debt at end of period</b>	<b>- 3 858</b>	<b>44 703</b>	<b>- 3 858</b>	<b>44 703</b>
Cash flow from operating activities	1 154	101 832	- 107 860	4 312
Maintenance/replacement investments	- 12 280	- 11 012	- 5 563	- 3 796
<b>Free cash flow<sup>1</sup></b>	<b>- 11 126</b>	<b>90 820</b>	<b>- 113 423</b>	<b>516</b>

1) See Definitions and calculations of key ratios for definitions of Alternative Performance Measures.



## INVESTMENTS

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>Electricity generation</b>				
Hydro power	785	795	333	314
Nuclear power	1 687	1 263	523	420
Gas	255	64	55	20
Wind power and solar PV	16 341	11 157	5 783	1 975
Biomass, waste	38	73	27	3
<b>Total electricity generation</b>	<b>19 106</b>	<b>13 352</b>	<b>6 721</b>	<b>2 732</b>
<b>CHP/heat</b>				
Fossil-based power	1 013	1 053	445	537
Heat networks	1 471	1 511	640	610
Other	183	483	132	322
<b>Total CHP/heat</b>	<b>2 667</b>	<b>3 047</b>	<b>1 217</b>	<b>1 469</b>
<b>Electricity networks</b>				
Electricity networks	5 525	5 758	2 380	1 919
<b>Total electricity networks</b>	<b>5 525</b>	<b>5 758</b>	<b>2 380</b>	<b>1 919</b>
Purchases of shares, shareholder contributions	653	400	407	168
Other	1 830	1 557	475	573
<b>Total investments</b>	<b>29 781</b>	<b>24 114</b>	<b>11 200</b>	<b>6 861</b>
Accrued investments (-)/release of accrued investments (+)	- 4 214	1 443	- 2 941	892
Cash and cash equivalents in acquired companies	- 943	- 8	- 943	- 8
<b>Total investments with cash flow effect</b>	<b>24 624</b>	<b>25 549</b>	<b>7 316</b>	<b>7 745</b>

# Consolidated statement of changes in equity

Amounts in SEK million	31 Dec 2022			31 Dec 2021		
	Attributable to owner of the Parent Company	Attributable to non-controlling interests	Total equity	Attributable to owner of the Parent Company	Attributable to non-controlling interests	Total equity
<b>Balance brought forward</b>	<b>180 710</b>	<b>16 472</b>	<b>197 182</b>	<b>97 724</b>	<b>13 468</b>	<b>111 192</b>
<b>Profit for the period</b>	<b>- 1 102</b>	<b>1 123</b>	<b>21</b>	<b>46 828</b>	<b>1 185</b>	<b>48 013</b>
Cash flow hedges - changes in fair value	14 478	—	<b>14 478</b>	82 259	—	<b>82 259</b>
Cash flow hedges - dissolved against income statement	- 106 390	—	<b>- 106 390</b>	- 31 569	16	<b>- 31 553</b>
Cash flow hedges - transferred to cost of hedged item	- 16	—	<b>- 16</b>	16	—	<b>16</b>
Hedging of net investments in foreign operations	- 2 777	—	<b>- 2 777</b>	- 1 414	—	<b>- 1 414</b>
Translation differences, divested companies	—	—	<b>—</b>	697	—	<b>697</b>
Translation differences	13 741	943	<b>14 684</b>	2 983	235	<b>3 218</b>
Remeasurement pertaining to defined benefit obligations	12 857	321	<b>13 178</b>	- 700	30	<b>- 670</b>
Income taxes related to other comprehensive income	21 982	- 66	<b>21 916</b>	- 15 185	- 9	<b>- 15 194</b>
<b>Total other comprehensive income for the period</b>	<b>- 46 125</b>	<b>1 198</b>	<b>- 44 927</b>	<b>37 087</b>	<b>272</b>	<b>37 359</b>
<b>Total comprehensive income for the period</b>	<b>- 47 227</b>	<b>2 321</b>	<b>- 44 906</b>	<b>83 915</b>	<b>1 457</b>	<b>85 372</b>
Dividends paid to owners	- 23 414	- 1 946	<b>- 25 360</b>	- 4 000	- 1 190	<b>- 5 190</b>
Group contributions from(+)/to(-) owners of non-controlling interests	—	- 131	<b>- 131</b>	—	51	<b>51</b>
Changes in ownership in Group companies on divestments of shares to owners of non-controlling interests	118	—	<b>118</b>	2 538	1 508	<b>4 046</b>
Contribution to/from owners of non-controlling interests	—	1 906	<b>1 906</b>	—	1 185	<b>1 185</b>
Other changes in ownership	—	2	<b>2</b>	—	—	<b>—</b>
Other changes	286	- 160	<b>126</b>	533	- 7	<b>526</b>
<b>Total transactions with equity holders</b>	<b>- 23 010</b>	<b>- 329</b>	<b>- 23 339</b>	<b>- 929</b>	<b>1 547</b>	<b>618</b>
<b>Balance carried forward</b>	<b>110 473</b>	<b>18 464</b>	<b>128 937</b>	<b>180 710</b>	<b>16 472</b>	<b>197 182</b>
- Of which, Reserve for hedges	- 30 034	8	<b>- 30 026</b>	36 968	8	<b>36 976</b>

# Key ratios, Vattenfall Group

In % unless otherwise stated. (x) means times <sup>1</sup>	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Operating margin	5.3	33.5	- 30.5	12.2
Operating margin <sup>2</sup>	15.6	17.3	17.1	14.3
Pre-tax profit margin	0.0	33.0	- 31.4	11.3
Pre-tax profit margin <sup>2</sup>	10.3	16.8	16.3	13.4
Return on equity <sup>3</sup>	- 0.7	36.9	- 0.7	36.9
Return on capital employed <sup>3</sup>	4.2	22.2	4.2	22.2
Return on capital employed <sup>2,3</sup>	12.5	11.5	12.5	11.5
EBIT interest cover (x) <sup>3</sup>	2.3	15.8	2.3	15.8
EBIT interest cover (x) <sup>2,3</sup>	6.4	8.3	6.4	8.3
FFO interest cover (x) <sup>3</sup>	8.1	12.9	8.1	12.9
FFO interest cover, net (x) <sup>3</sup>	9.2	15.9	9.2	15.9
Cash flow interest cover after maintenance investments (x) <sup>3</sup>	- 1.1	27.4 <sup>4</sup>	- 1.1	27.4 <sup>4</sup>
FFO/gross debt <sup>3</sup>	23.9	36.5	23.9	36.5
FFO/net debt <sup>3</sup>	1,093.7	- 103.1	1,093.7	- 103.1
FFO/adjusted net debt <sup>3</sup>	55.0	171.2	55.0	171.2
EBITDA/net financial items, (x)	6.0	24.5	- 17.1	10.4
EBITDA/net financial items, (x) <sup>2</sup>	10.9	15.7	16.9	13.7
Equity/Total assets	16.3	25.2	16.3	25.2
Gross debt/equity	137.1	64.1	137.1	64.1
Net debt/equity	3.0	- 22.7	3.0	- 22.7
Gross debt/gross debt plus equity	57.8	39.1	57.8	39.1
Net debt/net debt plus equity	2.9	- 29.3	2.9	- 29.3
Net debt/EBITDA (x) <sup>3</sup>	0.1	- 0.6	0.1	- 0.6
Adjusted net debt/EBITDA (x) <sup>3</sup>	2.5	0.4	2.5	0.4

1) See Definitions and calculations of key ratios for definitions of Alternative Performance Measures.

2) Based on Underlying operating profit.

3) Last 12-month values.

4) The value has been adjusted compared with information previously published in Vattenfall's financial reports.

# Quarterly information, Vattenfall Group

Amounts in SEK million	Q4 2022	Q3 2022	Q2 2022	Q1 2022	Q4 2021	Q3 2021	Q2 2021	Q1 2021
<b>Income statement</b>								
Net sales	78 819	53 076	48 170	59 579	63 529	36 125	34 554	45 911
Operating profit before depreciation, amortisation and impairment losses (EBITDA)	- 18 509	16 386	15 386	17 249	10 226	27 293	20 531	17 740
Underlying EBITDA	18 309	10 820	12 660	13 970	13 452	9 149	9 577	16 408
Operating profit (EBIT)	- 24 062	12 192	11 730	12 783	7 750	22 926	16 210	13 385
Underlying EBIT	13 469	6 232	8 107	9 504	9 092	4 782	5 256	12 053
Profit before income taxes	- 24 719	9 728	6 469	8 433	7 156	22 182	16 778	13 257
Profit for the period	- 16 959	6 684	4 231	6 064	6 101	18 277	13 212	10 423
- of which, attributable to owner of the Parent Company	- 17 605	6 242	4 478	5 782	5 774	18 178	13 002	9 875
- of which, attributable to non-controlling interests	646	442	- 247	282	327	99	210	548
<b>Balance sheet</b>								
Capital employed	318 041	258 447	289 959	276 749	280 881	255 184	280 855	271 110
Net debt	- 3 858	116 008	29 321	37 611	44 703	47 348	- 32 328	- 43 865
<b>Cash flow</b>								
Funds from operations (FFO)	14 597	7 305	11 911	8 382	18 616	6 054	7 439	13 987
Cash flow from operating activities	- 107 860	90 385	21 687	- 3 058	4 312 <sup>1</sup>	61 223 <sup>1</sup>	23 965 <sup>1</sup>	12 331
Cash flow from investing activities	25 006	- 37 201	12 523	18 676	- 45 872 <sup>1</sup>	- 15 238 <sup>1</sup>	- 12 782 <sup>1</sup>	- 5 128
Cash flow from financing activities	19 836	29 229	- 43 145	13 768	41 855	- 1 252	- 6 446	- 15 164
<b>Cash flow for the period</b>	<b>- 63 018</b>	<b>82 413</b>	<b>- 8 935</b>	<b>29 386</b>	<b>295</b>	<b>44 733</b>	<b>4 737</b>	<b>- 7 961</b>
<b>Free cash flow</b>	<b>- 113 423</b>	<b>87 786</b>	<b>20 026</b>	<b>- 5 514</b>	<b>516</b>	<b>57 696</b>	<b>22 553</b>	<b>10 054</b>

1) The value has been adjusted compared with information previously published in Vattenfall's financial reports.

In % unless otherwise stated. (x) means times <sup>1</sup>	Q4 2022	Q3 2022	Q2 2022	Q1 2022	Q4 2021	Q3 2021	Q2 2021	Q1 2021
<b>Key ratios</b>								
Return on equity	- 0.7	14.8	23.5	31.0	36.9	40.2	30.3	10.0
Return on capital employed <sup>2</sup>	4.2	17.3	19.3	21.8	22.2	22.4	14.5	5.9
Return on capital employed <sup>2,3</sup>	12.5	12.8	11.0	10.5	11.5	11.7	11.0	9.9
EBIT interest cover, (x) <sup>2</sup>	2.3	7.9	10.3	14.9	15.8	16.6	12.1	5.1
EBIT interest cover, (x) <sup>2,3</sup>	6.4	5.9	6.0	7.3	8.3	8.7	9.3	8.6
FFO/gross debt <sup>2</sup>	23.9	30.0	36.3	28.8	36.5	46.0	44.3	40.0
FFO/net debt <sup>2</sup>	1,093.7	- 39.8	- 153.4	- 107.7	- 103.1	- 82.0	123.1	83.8
FFO/adjusted net debt <sup>2</sup>	55.0	n/a <sup>4</sup>	103.0	120.5	171.2	182.7	38.1	32.8
Equity/Total assets	16.3	18.5	20.6	24.4	25.2	27.8	25.8	26.8
Gross debt/equity	137.1	75.3	65.6	66.7	64.1	44.2	64.2	72.0
Net debt/equity	3.0	- 56.8	- 15.5	- 17.9	- 22.7	- 24.8	23.1	34.4
Net debt/net debt plus equity	2.9	- 131.4	- 18.4	- 21.8	- 29.3	- 32.9	18.8	25.6
Net debt/EBITDA, (x) <sup>2</sup>	0.1	- 2.0	- 0.4	- 0.5	- 0.6	- 0.6	0.5	0.9
Adjusted net debt/EBITDA, (x) <sup>2</sup>	2.5	- 0.7	0.6	0.4	0.4	0.3	1.8	2.4

1) See Definitions and calculations of key ratios for definitions of Alternative Performance Measures.

2) Last 12-month values.

3) Based on Underlying operating profit.

4) The adjusted net debt decreased to a net asset mainly due to increased margin calls received. Excluding effects from received and paid margin calls FFO/adjusted net debt was at 41.4%.

## NOTE 1 | Accounting policies, risks and uncertainties

### Accounting policies

This interim report for the Group has been prepared in accordance with IAS 34 – “Interim Financial Reporting”, and the Swedish Annual Accounts Act. The accounting policies and calculation methods applied in this interim report are the same as those described in Vattenfall's 2021 Annual and Sustainability Report in Note 3 to the consolidated accounts, Accounting policies. Amended IFRSs endorsed by the EU for application in the 2022 financial year have no significant effect on Vattenfall's financial statements.

### Risks and uncertainties

For a description of risks, uncertainties and risk management, please refer to Vattenfall's 2021 Annual and Sustainability Report, pages 62-71. The developments in the energy markets effects Vattenfall's entire operation. The past twelve months have seen a continuation of the high volatility and price levels observed last year in the European energy commodity markets. The situation is amplified by the Ukraine war exacerbating Europe's security of supply for natural gas. On top, dry weather conditions in the summer and lower power plant availability put a strain on electricity supply in most of Europe. At the end of 2022 European power prices fell significantly amid an improved gas supply situation and milder weather. However, the risk of a wider economic recession increases due to continued high energy price levels.

The sharp rise in commodity prices has also caused a significant increase in the cash liquidity risk across the industry. Margining arrangements like Credit Support Annex continue to be challenging for the liquidity position of many companies. Due to the strong increase in electricity prices, counterparties have provided margin securities to Vattenfall. Conversely, if energy prices fall significantly further relative to current levels – extending the trend that was observable since autumn/winter 2022 – Vattenfall would have to fund a large outflow of cash for posting margin securities.

Besides the market price risk associated to our production one of the main risks for Vattenfall are defaults by customers and counterparties caused by the continued high electricity and commodity prices. To reflect the increased risk of customer defaults due to high electricity prices, general high inflation and the expected decline in the economy the Expected Credit Losses accounted for in Vattenfall were increased.

The rise in inflation also leads to increased costs, e.g. for raw materials and services which affects Vattenfall's operating activities and investments.

Regulatory risks and uncertainties remain high. EU Energy Ministers are discussing short- and long-term interventions to cushion the effects of the high electricity and gas prices. Among other things, gas price caps and a new electricity market design in general are under discussion which may pose a new financial and strategic risk to Vattenfall's portfolio. A cap on revenues from electricity generation with lower marginal costs, for example from Wind, Solar, Nuclear and Hydro (without storage) has already been decided.

### Presentation of financial statements

In the interim reports for 2022 the following amendments in the presentations were made compared to Vattenfall's 2021 Annual and Sustainability Report:

- In the balance sheet contractual assets and liabilities are divided into short- and long-term contractual assets and liabilities respectively.
- In the balance sheet receivables on minority shareholders related to group contribution has been moved from other non-current receivables to trade receivables and other receivables.
- In the cash flow statement acquisitions in group companies as well as divestments are shown as the net of acquisition price and cash in acquired companies and the net of sales price and cash in divested companies respectively. In addition, changes in margin calls from the treasury operations, which were previously included in short term investments in cash flow from investments as well as changes in operating liabilities, are included in Margin calls related to derivatives.

### Other

Significant related-party transactions are described in Note 44 to the consolidated accounts in Vattenfall's 2021 Annual and Sustainability Report. No material changes have taken place in relations or transactions with related parties since the publication.

### Events after the balance sheet date

No significant events have occurred after the balance sheet date.

## NOTE 2 | Exchange rates

### KEY EXCHANGE RATES APPLIED IN THE ACCOUNTS OF THE VATTENFALL GROUP

	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
<b>Average rate</b>				
EUR	10.6258	10.1469	10.9642	10.1604
DKK	1.4283	1.3644	1.4740	1.3662
GBP	12.4463	11.7820	12.5461	11.9631
USD	10.0881	8.5687	10.7856	8.8543

		31 Dec 2022	31 Dec 2021
<b>Balance sheet date rate</b>			
EUR		11.1218	10.2503
DKK		1.4956	1.3784
GBP		12.5397	12.1987
USD		10.4273	9.0502



## NOTE 3 | Financial instruments by measurement category and related effects on income

For assets and liabilities with a remaining maturity less than three months (e.g., cash and bank balances, trade receivables and other receivables and trade payables and other payables), fair value is considered to be equal to the carrying amount. For other shares and participations the fair value is approximated by using cost.

The carrying amounts of financial assets do not differ significantly from their fair values. The difference between carrying amounts and fair values for financial liabilities amounts to SEK -4.329 million (31 December 2021: 8.509).

Financial instruments that are measured at fair value on the balance sheet are described below according to the fair value hierarchy (levels), which in IFRS 13 is defined as:

**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 (that is, as prices) or indirectly (that is, derived from prices). In Level 2 Vattenfall reports mainly commodity derivatives, currency-forward contracts and interest rate swaps.

**Level 3:** Inputs for the asset or liability that are not based on observable market data.

### FINANCIAL ASSETS AND LIABILITIES THAT ARE MEASURED AT FAIR VALUE ON THE BALANCE SHEET AT 31 DECEMBER 2022

Amounts in SEK million	Level 1	Level 2	Level 3	Total
<b>Assets</b>				
Share in the Swedish Nuclear Waste Fund	47 517	—	—	47 517
Derivative assets	—	121 871	- 992	120 879
Short-term investments, cash equivalents and other shares and participations	74 826	9 029	—	83 855
<b>Total assets</b>	<b>122 343</b>	<b>130 900</b>	<b>- 992</b>	<b>252 251</b>
<b>Liabilities</b>				
Derivative liabilities	—	196 994	—	196 994
<b>Total liabilities</b>	<b>—</b>	<b>196 994</b>	<b>—</b>	<b>196 994</b>

### FINANCIAL ASSETS AND LIABILITIES THAT ARE MEASURED AT FAIR VALUE ON THE BALANCE SHEET AT 31 DECEMBER 2021

Amounts in SEK million	Level 1	Level 2	Level 3	Total
<b>Assets</b>				
Share in the Swedish Nuclear Waste Fund	52 772	—	—	52 772
Derivative assets	—	154 744	1 141	155 885
Short-term investments, cash equivalents and other shares and participations	116 013	11 404	—	127 417
<b>Total assets</b>	<b>168 785</b>	<b>166 148</b>	<b>1 141</b>	<b>336 074</b>
<b>Liabilities</b>				
Derivative liabilities	—	129 818	—	129 818
<b>Total liabilities</b>	<b>—</b>	<b>129 818</b>	<b>—</b>	<b>129 818</b>

## NOTE 4 | Items affecting comparability

Items affecting comparability include capital gains and capital losses from sale of shares and other non-current assets, impairment losses and reversed impairment losses and other material items that are of an infrequent nature. Also included here are, for trading activities, changes in the fair value of energy derivatives, which according to IFRS 9 cannot be recognised using hedge accounting and changes in the fair value of inventories.

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Items affecting comparability	- 24 668	29 090	- 37 531	- 1 342
- of which, capital gains	312	8 960	108	156
- of which, capital losses	- 122	- 199	- 28	- 32
- of which, impairment losses	- 90	- 38	- 89	- 38
- of which, reversed impairment losses	668	1 922	- 624	1 922
- of which, provisions	- 5 206	- 3 785	- 1 882	- 1 332
- of which, changes in the fair value of energy derivatives	- 17 709	8 715	- 30 914	- 1 822
- of which, changes in the fair value of inventories	- 2 406	1 313	- 3 988	- 488
- of which, other non-recurring items affecting comparability	- 115	12 202	- 114	292

Items affecting comparability during January-December 2022 amounted to SEK -24.7 billion, most of which pertains to changes in market value for energy derivatives and inventories (SEK -20.1 billion). The increase in provisions pertains mainly to the nuclear operations.

Items affecting comparability during January-December 2021 amounted to SEK 29.1 billion, most of which pertains to compensation for closure of nuclear power in Germany and sales of related production rights (SEK 12.5 billion, reported in other non-recurring items affecting comparability), and changes in market value for energy derivatives and inventories (SEK 10.0 billion). The increase in provisions pertains to the nuclear operations (SEK -3.8 billion). Capital gains pertains mainly to the sale of Stromnetz Berlin (SEK 8.4 billion).

## NOTE 5 | Acquired and divested operations

### Acquired operations

On 17<sup>th</sup> of June 2022 Vattenfall acquired 85% of the shares in Zephyr Vind AB. The total purchase price for the shares was SEK 175 million, and the fair value of total net assets acquired is SEK 175 million.

On 1<sup>st</sup> of November 2022 Vattenfall acquired 100% of the shares in Warmtebedrijf Holding B.V. The total purchase price for the shares was SEK 239 million, and the fair value of total net assets acquired is SEK 239 million.

## NOTE 6 | Impairment losses and reversed impairment losses

### Accounting policy

Assessments are made on a regular basis throughout the year for any indication that an asset may have decreased in value. If any such indication is identified, the asset's recoverable amount is estimated, and an impairment test is performed. For a description of the principles for such calculations, please refer to Note 9 to the consolidated accounts in Vattenfall's 2021 Annual and Sustainability Report.

### Impairment losses and reversed impairment losses 2022

During the period impairment losses of SEK 90 million have been charged against operating profit which mainly pertains to assets within BA Wind.

Previously recognised impairment losses of SEK 668 million, mainly pertaining to assets in BA Heat, have been reversed in the income statement.

# The Parent Company Vattenfall AB

## Accounting policies

The Parent Company Vattenfall AB's accounts are prepared in accordance with the Swedish Annual Accounts Act and recommendation RFR 2 – Accounting for Legal Entities, issued by the Swedish Financial Reporting Board. The accounting policies used in this interim report are the same as those described in Vattenfall's 2021 Annual and Sustainability Report, Note 3 to the Parent Company accounts, Accounting policies. New accounting policies applicable from 1 January 2022 has had no significant effect on the Parent Company's financial statements.

## January – December 2022

A condensed income statement and balance sheet for the Parent Company are presented below.

- Net sales amounted to SEK 40,078 million (40,045).
- Profit before appropriations and income taxes was SEK -24,317 million (-4,219).
- The lower operating profit is to a large extent attributable to changes in market value for energy derivatives, for future years energy production amounting to SEK -24,301 million. In addition, the Parent Company is charged with SEK -8,911 million for increased commitments for future decommissioning of Ringhals and Forsmark resulting from increased provisions and the negative development of the share in the Swedish Nuclear Waste Fund for those companies.
- The improved net financial items refers to dividends from group companies, mainly from Vattenfall GmbH.
- The balance sheet total was SEK 435,557 million (468,482).
- Investments during the period amounted to SEK 1,772 million (7,303).
- Cash and cash equivalents, and short-term investments amounted to SEK 132,911 million (145,743).
- Dividend paid to the owner of SEK 23,42 million (4,000).

- In the balance sheet liabilities related to group contribution have been moved from non-current other noninterest-bearing liabilities to current other noninterest-bearing liabilities, group.

## Risks and uncertainties

See Note 1 to the consolidated accounts, Accounting policies, risks and uncertainties.

## Other

The owners to the Swedish nuclear companies are required to provide security to the Swedish state as a guarantee that sufficient funds exist to cover the future costs of nuclear waste management. The security is provided in the form of guarantee commitments from the owners of the nuclear power companies and includes both financial and supplementary security. The state has during the first six months during 2022 decided to increase the levels of the security. The effect for Vattenfall AB will be an increase of SEK 14,7 billion.

In an extraordinary general meeting on 22 December 2022, decisions were taken on a bonus issue amounting to SEK 39,275 million, without issue of new shares, and the following reduction of share capital with the same amount without withdrawal of shares. The net effect of this is that restricted equity is reduced by SEK 39,275 million and unrestricted equity is increased with the same amount. The effect of these decisions will be accounted for during 2023 when they have been registered at the Swedish Companies Registration Office.

Significant related-party transactions are described in Note 44 to the consolidated accounts, Related party disclosures, in Vattenfall's 2021 Annual and Sustainability Report. No material changes have taken place in relations or transactions with related parties compared with the description in Vattenfall's 2021 Annual and Sustainability Report.

# Parent Company income statement

Amounts in SEK million	Full year 2022	Full year 2021
Net sales	40 078	40 045
Cost of purchases	- 67 495	- 37 035
Other external expenses	- 5 194	- 5 250
Personnel expenses	- 2 999	- 2 247
Other operating incomes and expenses, net	8	- 52
<b>Operating profit before depreciation, amortisation and impairment losses (EBITDA)</b>	<b>- 35 602</b>	<b>- 4 539</b>
Depreciation, amortisation and impairments	- 688	- 629
<b>Operating profit (EBIT)</b>	<b>- 36 290</b>	<b>- 5 168</b>
Result from participations in subsidiaries	15 972	2 231
Result from participations in associated companies	- 61	1
Other financial income	1 702	1 537
Other financial expenses	- 5 640	- 2 820
<b>Profit before appropriations and income taxes</b>	<b>- 24 317</b>	<b>- 4 219</b>
Appropriations	6 839	5 086
<b>Profit before income taxes</b>	<b>- 17 478</b>	<b>867</b>
Income taxes	6 357	445
<b>Profit for the period</b>	<b>- 11 121</b>	<b>1 312</b>



# Parent Company balance sheet

Amounts in SEK million	31 Dec 2022	31 Dec 2021
<b>Assets</b>		
<b>Non-current assets</b>		
Intangible assets: non-current	278	330
Property, plant and equipment	7 110	7 003
Shares and participations	167 754	166 802
Deferred tax assets	8 992	2 272
Other non-current	3 836	5 570
Other non-current group	68 367	65 553
<b>Total non-current assets</b>	<b>256 337</b>	<b>247 530</b>
<b>Current assets</b>		
Inventories	355	342
Intangible assets: current	17	9
Current receivables	33 847	12 430 <sup>1</sup>
Current receivables, group	11 947	60 727 <sup>1</sup>
Current tax assets	143	1 701
Short-term investments	65 029	101 877
Cash and cash equivalents	67 882	43 866
<b>Total current assets</b>	<b>179 220</b>	<b>220 952</b>
<b>Total assets</b>	<b>435 557</b>	<b>468 482</b>
<b>Equity, provisions and liabilities</b>		
<b>Equity</b>		
Restricted equity		
Share capital (131,700,000 shares with a share quota value of SEK 50)	6 585	6 585
Revaluation reserve	37 989	37 989
Other reserves	1 286	1 370
Non-restricted equity		
Retained earnings	42 894	64 911
Profit for the period	- 11 121	1 312
<b>Total equity</b>	<b>77 633</b>	<b>112 167</b>
<b>Untaxed reserves</b>	<b>2 328</b>	<b>7 168</b>
<b>Provisions</b>	<b>6 360</b>	<b>5 621</b>
<b>Non-current liabilities</b>		
Hybrid capital	17 760	20 421
Other interest-bearing	71 504	37 902
Other interest-bearing liabilities, group	222	1 573
Other noninterest-bearing liabilities	8 919	279 <sup>1</sup>
<b>Total non-current liabilities</b>	<b>98 405</b>	<b>60 175</b>
<b>Current liabilities</b>		
Hybrid capital	4 171	—
Other interest-bearing liabilities	75 722	54 960
Other interest-bearing liabilities, group	117 406	197 355
Other noninterest-bearing liabilities	37 694	13 924
Other noninterest-bearing liabilities, group	15 838	17 112 <sup>1</sup>
<b>Total current liabilities</b>	<b>250 831</b>	<b>283 351</b>
<b>Total equity, provisions and liabilities</b>	<b>435 557</b>	<b>468 482</b>

1) The value has been adjusted compared with information previously published in Vattenfall's financial reports.

# Definitions and calculations of key ratios

## Alternative Performance Measures

In order to ensure a fair presentation of the Group's operations, the Vattenfall Group uses a number of Alternative Performance Measures that are not defined in IFRS or in the Swedish Annual Accounts Act. The Alternative Performance Measures that Vattenfall uses are described

below, including their definitions and how they are calculated. The Alternative Performance Measures used are unchanged compared with earlier periods.

	Definition
EBIT:	Operating profit (Earnings Before Interest and Tax)
EBITDA:	Operating profit before depreciation, amortisation and impairment losses (Earnings Before Interest, Tax, Depreciation and Amortisation)
Items affecting comparability:	Capital gains and capital losses from shares and other non-current assets, impairment losses and reversed impairment losses and other material items that are of an infrequent nature. Also included here are, for trading activities, unrealised changes in the fair value of energy derivatives, which according to IFRS 9 cannot be recognised using hedge accounting and unrealised changes in the fair value of inventories. See Consolidated income statement for a specification of items affecting comparability.
Underlying EBITDA:	Underlying operating profit before depreciation, amortisation and impairment losses. This measure is intended to provide a better view on the operating result by excluding items affecting comparability that are of an infrequent nature, while also excluding non-cash depreciation and amortisation.
Underlying operating profit:	Operating profit (EBIT) excluding items affecting comparability. This measure is intended to provide a better view on the operating result by excluding items affecting comparability that are of an infrequent nature.
FFO:	Funds From Operations, see Consolidated statement of cash flow
Free cash flow:	Cash flow from operating activities less maintenance investments
Interest-bearing liabilities	See Consolidated balance sheet - Supplementary Information
Net debt:	See Consolidated balance sheet - Supplementary Information
Adjusted net debt:	See Consolidated balance sheet - Supplementary Information
Capital employed:	Total assets less financial assets, noninterest-bearing liabilities and certain other interest-bearing provisions not included in adjusted net debt. see Consolidated balance sheet - Supplementary Information
<b>Other definitions</b>	<b>Definition</b>
Hybrid Capital:	Perpetual subordinated securities, junior to all Vattenfall's unsubordinated debt instruments.
LTIF:	Lost Time Injury Frequency (LTIF) is expressed in terms of the number of lost time work injuries (per 1 million hours worked), i.e., work-related accidents resulting in absence longer than one day, and accidents resulting in fatality.

## CALCULATION OF EBITDA, UNDERLYING EBITDA AND UNDERLYING EBIT

Amounts in SEK million	Full year 2022	Full year 2021	Oct-Dec 2022	Oct-Dec 2021
Operating profit (EBIT)	12 645	60 271	- 24 062	7 750
Depreciation, amortisation and impairment losses	- 17 868	- 15 519	- 5 553	- 2 476
<b>Operating profit before depreciation, amortisation and impairment losses (EBITDA)</b>	<b>30 513</b>	<b>75 790</b>	<b>- 18 509</b>	<b>10 226</b>
Items affecting comparability excl. impairment losses and reversed impairment losses	25 246	- 27 206	36 818	3 226
<b>Underlying operating profit before depreciation, amortisation and impairment losses</b>	<b>55 759</b>	<b>48 584</b>	<b>18 309</b>	<b>13 452</b>
Operating profit (EBIT)	12 645	60 271	- 24 062	7 750
Items affecting comparability	24 668	- 29 090	37 531	1 342
<b>Underlying operating profit</b>	<b>37 313</b>	<b>31 181</b>	<b>13 469</b>	<b>9 092</b>

The key ratios are presented as percentages (%) or times (x).

#### KEY RATIOS BASED ON CONTINUING OPERATIONS AND LAST 12-MONTH VALUES JANUARY 2022– DECEMBER 2022

<b>Operating margin, %</b>	= 100 x	$\frac{\text{EBIT}}{\text{Net sales}} = \frac{12\,645}{239\,644}$	=	5.3
<b>Operating margin excl. items affecting comparability, %</b>	= 100 x	$\frac{\text{Underlying EBIT}}{\text{Net sales}} = \frac{37\,313}{239\,644}$	=	15.6
<b>Pre-tax profit margin, %</b>	= 100 x	$\frac{\text{Profit before income taxes}}{\text{Net sales}} = \frac{-87}{239\,644}$	=	0.0
<b>Pre-tax profit margin excl. items affecting comparability, %</b>	= 100 x	$\frac{\text{Profit before income taxes excl. items affecting comparability}}{\text{Net sales}} = \frac{24\,575}{239\,644}$	=	10.3
<b>Return on equity, %</b>	= 100 x	$\frac{\text{Profit for the period attributable to owner of the Parent Company}}{\text{Average equity for the period attributable to owner of the Parent Company excl. the Reserve for cash flow hedges}} = \frac{-1\,102}{149\,315}$	=	-0.7
<b>Return on capital employed, %</b>	= 100 x	$\frac{\text{EBIT}}{\text{Capital employed, average}} = \frac{12\,645}{299\,461}$	=	4.2
<b>Return on capital employed excl. items affecting comparability, %</b>	= 100 x	$\frac{\text{Underlying EBIT}}{\text{Capital employed, average}} = \frac{37\,313}{299\,461}$	=	12.5
<b>EBIT interest cover, (x)</b>	=	$\frac{\text{EBIT} + \text{financial income}}{\text{Financial expenses excl. discounting effects attributable to provisions}} = \frac{13\,499}{5\,969}$	=	2.3
<b>EBIT interest cover excl. Items affecting comparability, (x)</b>	=	$\frac{\text{Underlying EBIT} + \text{financial income}}{\text{Financial expenses excl. discounting effects attributable to provisions}} = \frac{38\,167}{5\,969}$	=	6.4
<b>FFO interest cover, (x)</b>	=	$\frac{\text{FFO} + \text{financial expenses excl. discounting effects attributable to provisions}}{\text{Financial expenses excl. discounting effects attributable to provisions}} = \frac{48\,163}{5\,969}$	=	8.1
<b>FFO interest cover, net, (x)</b>	=	$\frac{\text{FFO} + \text{financial items net excl. discounting effects attributable to provisions and return from the Swedish Nuclear Waste Fund}}{\text{Financial items net excl. discounting effects attributable to provisions and return from the Swedish Nuclear Waste Fund}} = \frac{47\,309}{5\,115}$	=	9.2

<b>Cash flow interest cover after maintenance investments, (x)</b>	=	<div> Cash flow from operating activities less maintenance investments + financial expenses excl. Discounting effects attributable to provisions and interest components related to pension costs </div> <div> -5 735 </div>	=	-1.1
		<div> Financial expenses excl. discounting effects attributable to provisions and interest components related to pension costs </div> <div> 5 391 </div>		
<b>FFO/gross debt, %</b>	= 100 x	<div> FFO </div> <div> Interest-bearing liabilities </div>	<div> 42 194 </div> <div> 176 765 </div>	= 23.9
<b>FFO/net debt, %</b>	= 100 x	<div> FFO </div> <div> Net debt </div>	<div> 42 194 </div> <div> 3 858 </div>	= 1093.7
<b>FFO/adjusted net debt, %</b>	= 100 x	<div> FFO </div> <div> Adjusted net debt </div>	<div> 42 194 </div> <div> 76 765 </div>	= 55.0
<b>EBITDA/net financial items, (x)</b>	=	<div> EBITDA </div> <div> Financial items net excl. discounting effects attributable to provisions and return from the Swedish Nuclear Waste Fund </div>	<div> 30 513 </div> <div> 5 115 </div>	= 6.0
<b>EBITDA excl. items affecting comparability/net financial items, (x)</b>	=	<div> EBITDA excl. items affecting comparability </div> <div> Financial items net excl. discounting effects attributable to provisions and return from the Swedish Nuclear Waste Fund </div>	<div> 55 759 </div> <div> 5 115 </div>	= 10.9

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#### KEY RATIOS BASED ON THE BALANCE SHEET PER 31 DECEMBER 2022

<b>Equity/total assets, %</b>	= 100 x	<div> Equity </div> <div> Balance sheet total </div>	<div> 128 937 </div> <div> 792 327 </div>	= 16.3
<b>Gross debt/equity, %</b>	= 100 x	<div> Interest-bearing liabilities </div> <div> Equity </div>	<div> 176 765 </div> <div> 128 937 </div>	= 137.1
<b>Net debt/equity, %</b>	= 100 x	<div> Net debt </div> <div> Equity </div>	<div> 3 858 </div> <div> 128 937 </div>	= 3.0
<b>Gross debt/gross debt equity, %</b>	= 100 x	<div> Interest-bearing liabilities </div> <div> Interest-bearing liabilities + equity </div>	<div> 176 765 </div> <div> 305 702 </div>	= 57.8
<b>Net debt/net debt plus equity, %</b>	= 100 x	<div> Net debt </div> <div> Net debt + equity </div>	<div> 3 858 </div> <div> 132 795 </div>	= 2.9
<b>Net debt/EBITDA, (x)</b>	=	<div> Net debt </div> <div> EBITDA </div>	<div> 3 858 </div> <div> 30 513 </div>	= 0.1
<b>Adjusted net debt/EBITDA, (x)</b>	=	<div> Adjusted net debt </div> <div> EBITDA </div>	<div> 76 765 </div> <div> 30 513 </div>	= 2.5

**Dividend**

The Board of Directors proposes a dividend of SEK 4,000 million.

**Annual General Meeting**

The Annual General Meeting will be held on 26 April 2023. The Annual General Meeting is open to the general public. The Annual Report (in both Swedish and English versions) is expected to be published on [www.vattenfall.se](http://www.vattenfall.se) and [www.vattenfall.com](http://www.vattenfall.com), respectively, on 29 March 2023.

**Year-end report signature**

Solna, 8 February 2023

Vattenfall AB (publ) The Board of Directors

This year-end report has not been reviewed by the company's auditor.

**Financial calendar**

Annual General Meeting, 26 April 2023

Interim report January-March, 27 April 2023

Interim report January-June, 20 July 2023

Interim report January-September, 26 October 2023

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The information was submitted for publication, through the agency of the contact persons set out above, at 08.00 CET on 8 February 2023. This report has been prepared in both Swedish and English versions. In the event of discrepancies between the two versions, the Swedish version shall govern.