

VATTENFALL

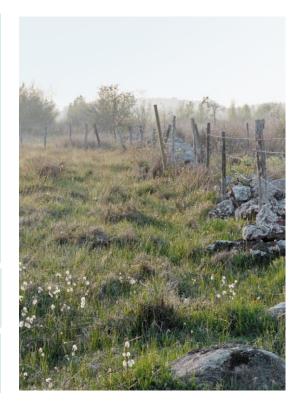
### Vattenfall Q1 Results 2024

In brief

- Vattenfall completed the sale of the Norfolk Offshore Wind Zone in the UK and reports a capital gain of SEK 4.6 billion
- · Completion of the offshore wind farm Vesterhav Nord in Denmark
- Vattenfall and Borealis have signed a 10-year hydropower purchase agreement contributing to reduced CO<sub>2</sub> emissions
- The feasibility study on new nuclear has been completed and shows favourable conditions for new construction at Ringhals
- · New long-term Power Purchase Agreements signed for solar projects in Germany
- Vattenfall has initiated the work to connect SSAB's electric arc furnace in Oxelösund to the electricity grid

#### Events after the balance sheet date

- Vattenfall has signed a purchase agreement with BASF for 49% of Nordlicht 1 and 2 offshore wind farms in the German North sea
- Underlying EBIT increased by SEK 4.3 bn to SEK 13.9 bn
  - Mainly due to higher achieved prices in the Nordics, as well as higher volumes from nuclear, wind and hydro power
- Profit for the period increased by SEK 5.1 bn to SEK 16.9 bn
  - Mainly driven by higher EBIT





### Vattenfall Q1 Results 2024

Overview

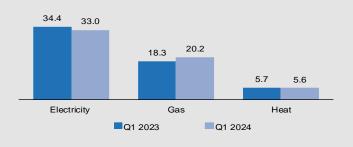
#### **Result development**

| SEK BN                             | Q1 2024 | Q1 2023 | Δ    |
|------------------------------------|---------|---------|------|
| Net Sales                          | 76.5    | 96.8    | -21% |
| EBITDA                             | 26.5    | 21.3    | 25%  |
| Underlying operating profit (EBIT) | 13.9    | 9.5     | 45%  |
| EBIT                               | 20.8    | 16.3    | 27%  |
| Profit for the period              | 16.9    | 11.8    | 43%  |

#### **Financial targets**

|                                  | Q1 2024 | Q1 2023 |
|----------------------------------|---------|---------|
| Return on capital employed (≥8%) | 6.6%    | 5.4%    |
| FFO/adjusted net debt (22-27%)   | 26.8%   | 39.6%   |

Customer sales (TWh)







### **Customers & Solutions**

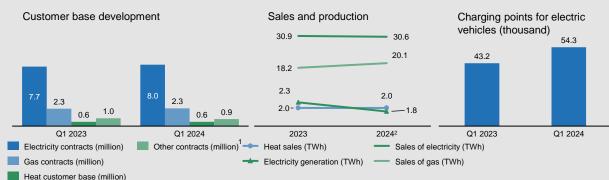
New customer solutions and further steps towards decarbonisation

#### Highlights

| SEK million                 | Q1 2024 | Q1 2023 |
|-----------------------------|---------|---------|
| Net Sales                   | 61,634  | 85,922  |
| Underlying operating profit | 1,881   | 2,436   |
| -of which heat operations   | 657     | 1,644   |

- Net sales decreased by 28% compared to the first quarter 2023. Underlying operating profit decreased by 23% largely driven by Dutch heat operations: lower heat revenues following lower gas prices as well as an unfavorable clean spark spread development, partially offset by increasing customer base in Germany
- The customer base decreased by 2% compared to the end of 2023 to 12 million contracts due the sale of Vindstød. Excluding this effect slight growth driven by the German customer base
- Vattenfall and Borealis have signed a 10-year hydropower purchase agreement contributing to reduced CO<sub>2</sub> emissions
- Proposed as preferred bidder for heat network solution in Edinburgh

#### Key data







### **Power Generation**

Increased underlying results following higher achieved prices and higher volumes

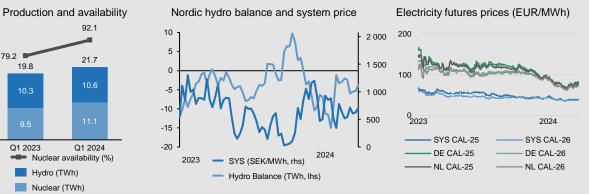
#### **Highlights**

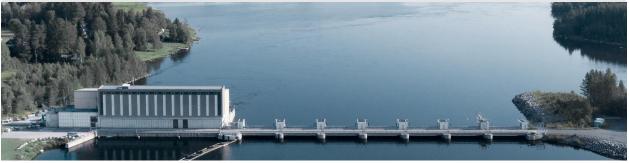
| SEK million                 | Q1 2024 | Q1 2023 |
|-----------------------------|---------|---------|
| Net Sales                   | 51,320  | 74,037  |
| Underlying operating profit | 6,483   | 3,772   |

- Net sales decreased by 31%. Underlying operating profit increased by 72% mainly due to positive price effects from Nordic hedges which more than offset the lower price in the Nordics, higher production volumes in nuclear and Nordic hydro power, and slightly higher realised trading result
- Nuclear power generation increased during the first quarter of 2024 driven by good availability. The hydro power production continued to be stable with slightly higher volumes compared the first quarter 2023
- The feasibility study on new nuclear has been completed and shows favourable conditions for new construction at Ringhals
- Two new long-term Power Purchase Agreements signed for solar projects in Germany

#### Key data

792







### Wind

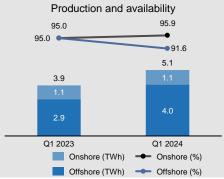
#### Improved results and progress within wind power

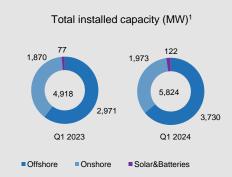
#### Highlights

| SEK million                 | Q1 2024 | Q1 2023 |
|-----------------------------|---------|---------|
| Net Sales                   | 5,851   | 6,291   |
| Underlying operating profit | 2,603   | 2,393   |

- Net sales decreased by 7% compared to 2023. Underlying operating profit increased by 9% driven mainly by higher volumes and lower costs
- Electricity generation increased by 32%, driven by higher volumes from new wind farms Hollandse Kust Zuid and Vesterhav Syd as well as higher volumes from Offshore Germany
- The sale of the Norfolk Offshore Wind Zone in the UK to RWE was completed in March and a capital gain of SEK 4.6 billion was recorded
- In February, all 21 wind turbines of the Vesterhav Nord Offshore wind farm were connected to the electricity grid
- During March, the final turbine of the Windplan blauw wind farm (123 MW capacity) was installed

#### Key data









<sup>1</sup> Added capacity during the last 12 months amounted to 906 MW and is mainly attributable South Kyle (101 MW of 240 MW), Hollandse Kust Zuid (641 MW of 1,520 MW) and Vesterbay (118 of 344 MW)

### Distribution

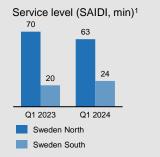
Continued growth and decision regarding revenue frames for the period 2024–2027

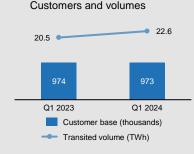
#### Highlights

| SEK million                 | Q1 2024 | Q1 2023 |
|-----------------------------|---------|---------|
| Net Sales                   | 4,222   | 3,859   |
| Underlying operating profit | 1,138   | 1,356   |

- Net sales increased by 9% compared with 2023. The underlying operating profit decreased by 16%, mainly driven by higher costs for the transmission network and higher personnel costs due to growth
- Vattenfall has clarified the prerequisites for allocation of capacity in line with Svenska Kraftnät's guidance
- Advanced notice from Svenska kraftnät of additional allocated capacity in northern Norrland and in the Skaraborg area
- Vattenfall has initiated the work to connect SSAB's electric arc furnace in Oxelösund to the electricity grid
- Decision received regarding the revenue frames for the period 2024-2027. The discount rate applied for the period is 4.53%

#### Key data





# Investments in electricity grids (SEK mn)

Distribution Sweden

Network Solutions



<sup>1</sup> All outages longer than 1 second in medium and low voltage networks are included. Vattenfall's Swedish network covers both urban areas and large rural areas.



## **Financials**



### Vattenfall Q1 Results 2024

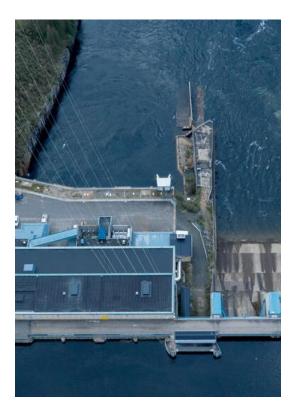
**Financial highlights** 

#### Key data

| SEK bn                                      | Q1 2024 | Q1 2023 |
|---|---------|---------|
| Net Sales                                   | 76.5    | 96.8    |
| EBITDA                                      | 26.5    | 21.3    |
| Underlying operating profit (EBIT)          | 13.9    | 9.5     |
| EBIT  | 20.8    | 16.3    |
| Profit for the period                       | 16.9    | 11.8    |
| Funds from Operations (FFO)                 | 15.5    | 11.8    |
| Cash flow operating activities              | 6.7     | -32.2   |
| Net debt                                    | 53.7    | 41.1    |
| Adjusted net debt                           | 126.0   | 115.2   |
| Adjusted net debt/EBITDA (times)            | 2.8     | 3.3     |
| Financial targets                           |         |         |
| ROCE <sup>1</sup> (≥8%)                     | 6.6     | 5.4     |
| FFO/adjusted net debt <sup>1</sup> (22-27%) | 26.8    | 39.6    |

#### Key developments

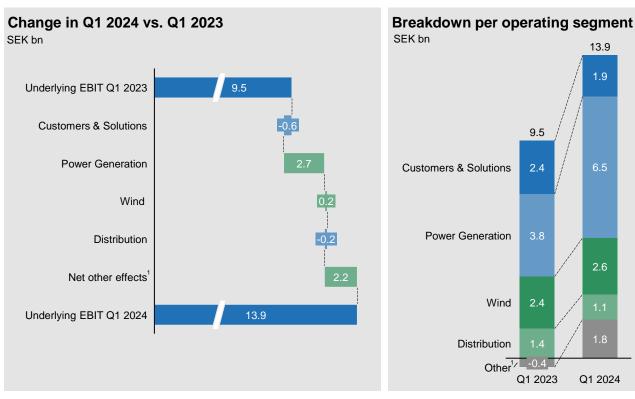
- Net sales decreased by SEK 20.3 bn to SEK 76.5 bn due to lower electricity and gas prices within customer sales
- Underlying EBIT increased by SEK 4.3 bn to 13.9 bn explained mainly by higher achieved prices in the Nordics as well as higher volumes from nuclear, wind and hydro power. Profit for the period increased by SEK 5.1 bn to SEK 16.9 bn, mainly due to higher EBIT
- ROCE increased to 6.6%, driven by higher EBIT. Based on underlying operating profit, ROCE was 7.5%
- FFO/Adjusted net debt based on rolling 12-month figures decreased to 26.8% which is at the upper range of our target interval. This is a result of lower underlying EBITDA as well as higher paid tax and slightly higher adjusted net debt





### **Development of underlying EBIT Q1 2024**

Increase in earnings mainly due to higher achieved prices



#### Highlights

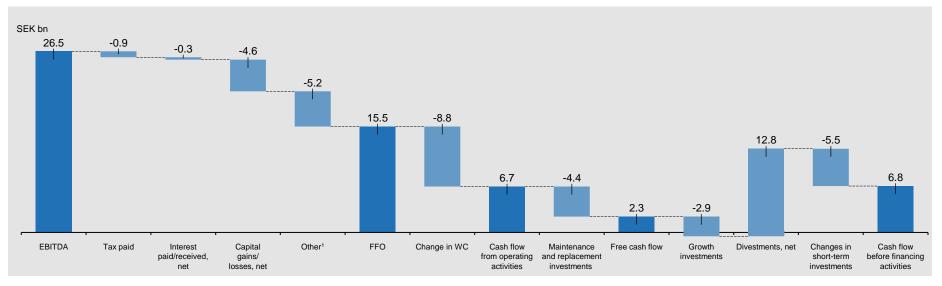
- Customers & Solutions: lower heat revenues following lower gas prices as well as an unfavorable clean spark spread development
- Power Generation: higher results from Nordic hedges offsetting the lower electricity prices in the Nordics, as well as higher production volumes from nuclear power
- Wind: higher volumes from Offshore wind farms Hollandse Kust Zuid in Netherlands and Vesterhav in Denmark and higher subsidies for German Offshore wind farms compensated for lower electricity prices
- Distribution: higher costs for the transmission network as well as higher personnel costs due to growth
- Other: favourable clean spark spread impacting the heat business in Berlin to be divested during the second quarter of 2024

<sup>1</sup> "Other" pertains mainly to all Staff functions, including Treasury, Shared Service Centres and capital gains and losses from divestment of shares. As of 1 January 2024, the heat operations in Berlin is included in Other.



### Cash flow development Q1 2024

Negative working capital development mainly driven by the operating segments Customers & Solutions and Power Generation



#### Main effects

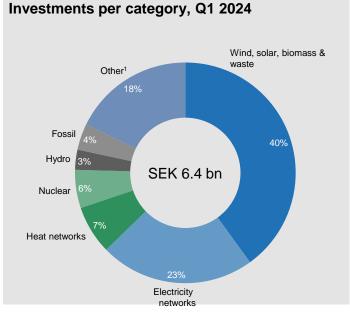
Change in working capital mainly driven by increased working capital in operating segment Customers & Solutions (SEK -5.7 bn), Power Generation (SEK -4.9bn), and from the heat business in Berlin (SEK -3.6 bn). This was partly offset by changes related to net change in margin calls (SEK +6.6 bn).

<sup>1</sup> "Other" includes non-cash items included in EBITDA, mainly changes in fair value of commodity derivatives



### **Capital expenditures**

Majority of investments directed to renewables and electricity networks



| Detailed overview o          | f investme | nts, Q1 202 | 4    |         |
|------------------------------|------------|-------------|------|---------|
| SEK bn                       | Q1 2024    | Q1 2023     |      | FY 2023 |
| Hydro                        | 0.2        | 0.1         | 29%  | 0.9     |
| Nuclear                      | 0.4        | 0.4         | 1%   | 1.7     |
| Fossil                       | 0.2        | 0.1         | 119% | 1.2     |
| Wind, solar, biomass & waste | 2.6        | 6.1         | -58% | 19.8    |
| Electricity networks         | 1.4        | 1.0         | 39%  | 6.9     |
| Heat networks                | 0.5        | 0.3         | 68%  | 1.7     |
| Other                        | 1.1        | 0.9         | 21%  | 4.9     |
| Total                        | 6.4        | 8.9         | -29% | 37.1    |



### **Overview of key figures Q1 2024**

| Amounts in SEK bn unless indicated<br>otherwise | Q1 2024           | Q1 2023           | FY 2023 | Last 12<br>months |
|---|-------------------|-------------------|---------|-------------------|
| Net sales                                       | 76.5              | 96.8              | 290.2   | 269.9             |
| EBITDA  | 26.5              | 21.3              | 39.7    | 44.9              |
| EBIT  | 20.8              | 16.3              | 17.0    | 21.4              |
| Underlying operating profit (EBIT)              | 13.9              | 9.5               | 20.0    | 24.3              |
| Profit for the period                           | 16.9              | 11.8              | 10.4    | 15.5              |
| Electricity generation (TWh)                    | 31.0              | 28.2              | 100.9   | 103.7             |
| Sales of electricity (TWh)                      | 45.4              | 45.7              | 168.0   | 167.7             |
| - of which, customer sales (TWh)                | 33.0              | 34.4              | 125.9   | 124.5             |
| Sales of heat (TWh)                             | 5.6               | 5.7               | 13.5    | 13.4              |
| Sales of gas (TWh)                              | 20.2              | 18.3              | 44.5    | 46.4              |
| Return on capital employed (≥8%)                | 6.6 <sup>1</sup>  | 5.4 <sup>1</sup>  | 5.3     | 6.6               |
| FFO/adjusted net debt (22-27%)                  | 26.8 <sup>1</sup> | 39.6 <sup>1</sup> | 21.5    | 26.8              |





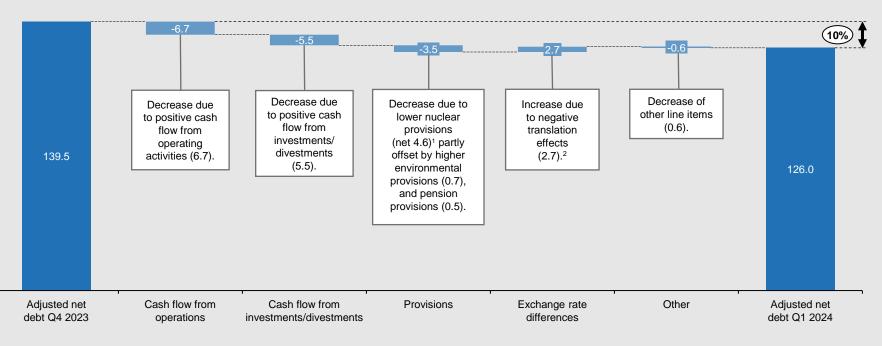
# Appendix



### **Development of adjusted net debt YTD 2024**

Adjusted net debt decreased mainly due to positive cashflow from operating activities and divestments.

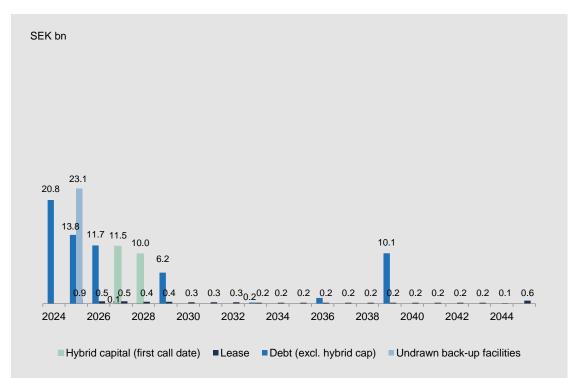




<sup>1</sup> Nuclear provision decreased net by SEK 4.6 bn, whereof in Sweden by 5.2, mainly due to increase in discount rate (4.0) and higher return from nuclear waste fund (0.8), in Germany provisions increased by 0.6 mainly due to negative translation effects. <sup>2</sup> SEK weakened against EUR (from 11.10 to 11.52); translation of EUR denominated net debt into SEK leads to increase in adjusted net debt.



### Debt maturity profile<sup>1</sup>



|  | 31 Mar.<br>2024 | 31 Dec.<br>2023 |
|--|-----------------|-----------------|
| Duration (years)                             | 3.7             | 3.5             |
| Average time to maturity (years)             | 3.8             | 4.2             |
| Average interest rate (%)                    | 3.9             | 3.9             |
| Net debt (SEK bn)                            | 53.7            | 68.4            |
| Available group liquidity (SEK bn)           | 56.5            | 46.8            |
| Undrawn committed credit facilities (SEK bn) | 23.1            | 33.3            |

#### Cumulative maturities excl. undrawn back-up facilities

|                           | 2024-<br>2026 | 2027-<br>2029 | From 2030 |
|---------------------------|---------------|---------------|-----------|
| Debt incl. hybrid capital | 48.1          | 29.0          | 15.0      |
| % of total                | 52%           | 32%           | 16%       |

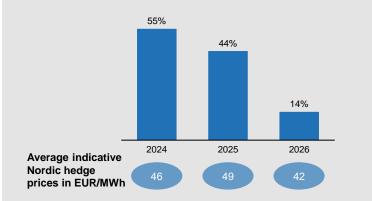
<sup>1</sup> Short term debt (Commercial paper and Repo's: 12.7), loans from associated companies, minority owners, margin calls received (CSA) and valuation at fair value are excluded.

Currency derivatives for hedging debt in foreign currency are included.



### **Price hedging**

#### Estimated Nordic<sup>1</sup> volume hedge ratio (%) and indicative prices



#### Achieved prices<sup>2</sup> - Nordic portfolio, EUR/MWh

| Q1 2024 | Q1 2023 | FY 2023 |
|---------|---------|---------|
| 49      | 40      | 37      |
|         |         |         |

Vattenfall's hedging strategy has the objective to stabilize profits over time by selling parts of the planned production in the forward markets. The main exposure arise from outright power in the Nordics (nuclear and hydro), with a growing exposure in wind both in the Nordics and on the Continent/UK. Hedging is mainly based on the Nordic system price (SYS) while delivery takes place in the price areas where generation assets are located. The achieved price in the first quarter 2024 increased due to Nordic hedges and lower price area differentials



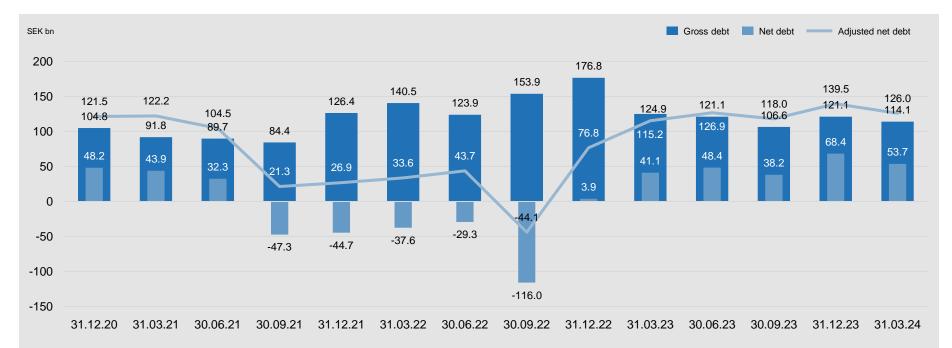
### Liquidity position

| Group liquidity  | SEK bn | Committed credit facilities  | Facility size,<br>EUR bn | SEK bn |
|--|--------|------------------------------|--------------------------|--------|
| Cash and cash equivalents                                    | 30.9   | RCF (2025)                   | 2.0                      | 23.1   |
| Short term investments                                       | 29.0   | Total undrawn                |                          | 23.1   |
| Reported cash, cash equivalents & short-<br>term investments | 59.9   |                              |                          |        |
|  |        | Debt maturities <sup>2</sup> |                          | SEK bn |
| Unavailable liquidity <sup>1</sup>                           | -3.3   | Within 90 days               |                          | 33.5   |
| Available liquidity  | 56.5   | Within 180 days              |                          | 33.5   |

<sup>1</sup> German nuclear "Solidarvereinbarung" 1.1 SEK bn, Margin calls paid (CSA) 1.4 SEK bn, Insurance "Provisions for claims outstanding" 0.8 SEK bn. <sup>2</sup> Excluding loans from minority owners and associated companies.



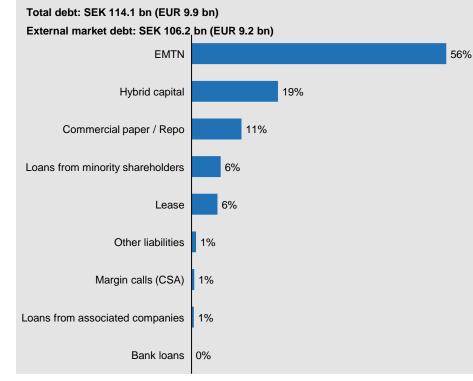
#### **Debt development**



Net debt decreased by SEK 14.7 bn to SEK 53.7 bn compared with the level at 31 December 2023. Adjusted net debt decreased by SEK 13.5 bn to SEK 126.0 bn compared with the level at 31 December 2023. For the calculation of adjusted net debt, see slide 22.



### **Breakdown of gross debt**



| Debt issuing programmes | Size (EUR bn) | Utilization (EUR bn) |
|-------------------------|---------------|----------------------|
| EUR 10bn Euro MTN       | 10.0          | 5.5                  |
| EUR 10bn Euro CP        | 10.0          | 1.2                  |
| Total                   | 20.0          | 6.7                  |

- All public debt is issued by Vattenfall AB.
- The main part of debt portfolio has no currency exposure that has an impact on the income statement. Debt in foreign currency is either swapped to SEK or booked as hedge against net foreign investments.
- No structural subordination.





### Reported and adjusted net debt

| Reported net debt<br>(SEK bn)                      | 31 Mar.<br>2024 | 31 Dec.<br>2023 | Adjusted net debt<br>(SEK bn)                          | 31 Mar.<br>2024 | 31 Dec.<br>2023 |
|--|-----------------|-----------------|--|-----------------|-----------------|
| Hybrid capital                                     | 21.8            | 21.0            | Total interest-bearing liabilities                     | 114.1           | 121.1           |
| Bond issues and liabilities to credit institutions | 63.9            | 62.0            | 50% of Hybrid capital                                  | -10.9           | -10.5           |
| Commercial papers and Repos                        | 12.7            | 20.1            | Present value of pension obligations                   | 28.6            | 28.1            |
| Liabilities to associated companies                | 0.5             | 0.7             | Wind & other environmental provisions                  | 16.1            | 15.4            |
| Liabilities to minority shareholders               | 7.4             | 10.1            | Provisions for nuclear power (net)                     | 41.4            | 46.0            |
| Lease liabilities                                  | 6.5             | 6.3             | Margin calls received                                  | -0.6            | -0.3            |
| Other liabilities                                  | 1.4             | 1.0             | Liabilities to minority owners due to consortium       | -7.4            | -10.1           |
| Total interest-bearing liabilities                 | 114.1           | 121.1           | agreements   |                 |                 |
| Reported cash, cash equivalents & short-term       |                 |                 | Adjustment related to assets/liabilities held for sale | 1.2             | -3.4            |
| investments  | 59.9            | 52.3            | = Adjusted gross debt                                  | 182.5           | 186.9           |
| Loans to minority owners of foreign subsidiaries   | 0.5             | 0.4             | Reported cash, cash equivalents                        | 59.9            | 52.3            |
| Net debt   | 53.7            | 68.4            | & short-term investments                               | 0010            | 0210            |
|  |                 |                 | Unavailable liquidity                                  | -3.3            | -5.4            |
|  |                 |                 | = Adjusted cash, cash equivalents & short-term         | 56.5            | 46.8            |



investments

= Adjusted net debt

139.5

126.0

### **Nuclear provisions**

| Reactor <sup>1</sup> | Net capacity<br>(MW) | Start (year) | Vattenfall share (%) | Vattenfall provisions, SEK<br>bn (IFRS accounting) | Vattenfall provisions,<br>SEK bn (pro rata) | Sw nuclear waste fund<br>SEK bn (Vattenfall pro<br>rata share) |
|----------------------|----------------------|--------------|----------------------|--|---|--|
| Ringhals 1           | 879                  | 1976         | 70.4                 |  |   |  |
| Ringhals 2           | 809                  | 1975         | 70.4                 |  |   |  |
| Ringhals 3           | 1,070                | 1981         | 70.4                 |  |   |  |
| Ringhals 4           | 942                  | 1983         | 70.4                 | Total Ringhals: 40.2                               | Total Ringhals: 40.2 <sup>2</sup>           |  |
| Forsmark 1           | 984                  | 1980         | 66.0                 |  |   |  |
| Forsmark 2           | 1,120                | 1981         | 66.0                 |  |   |  |
| Forsmark 3           | 1,170                | 1985         | 66.0                 | Total Forsmark: 37.2                               | Total Forsmark: 24.6                        |  |
| Total Sweden         | 6,974                | -            |                      | 81.1 <sup>3</sup>                                  | 66.7 <sup>3</sup>                           | 43.5 <sup>4</sup>  |
| Brunsbüttel          | 771                  | 1977         | 66.7                 | 11.8   | 7.9   |  |
| Brokdorf             | 1,410                | 1986         | 20.0                 | 0  | 3.3   |  |
| Krümmel              | 1,346                | 1984         | 50.0                 | 8.0  | 8.0   |  |
| Stade <sup>5</sup>   | 640                  | 1972         | 33.3                 | -  | 0.3   |  |
| Total Germany        | 4,167                | -            | -                    | 19.8   | 19.5  |  |
| Total SE & DE        | 11,141               |              |                      | 101.0  | 86.3  |  |

<sup>1</sup> Five reactors are in commercial operation in Sweden; Ringhals 3 & 4 and Forsmark 1, 2 & 3. Ringhals 1 & 2 and all reactors in Germany are taken out of commercial operation. Stade is being dismantled.

<sup>3</sup> Total provisions in Sweden (IFRS accounting) include provisions of SEK 0.3 bn (pro rata SEK 0.3 bn) related to Ågesta, SEK 3.1 bn (pro rata SEK 1.7 bn) related to SVAFO and SEK 0.3 bn (pro rata SEK 0.0 bn) related to SKB.
<sup>4</sup> Vattenfall's share of the Nuclear Waste Fund. IFRS consolidated value is SEK 53.2 bn.

<sup>2</sup> Vattenfall is 100% liability of Ringhals decommissioning, while owning only 70.4%



### Impairments and items affecting comparability

| Amounts in SEK million  | Jan-Mar<br>2024 | Jan-Mar<br>2023 | Full year<br>2023 | Last 12<br>months |
|---|-----------------|-----------------|-------------------|-------------------|
| Items affecting comparability                                 | 6,871           | 6,787           | - 3,014           | - 2,930           |
| - of which, capital gains                                     | 4,639           | 298             | 240               | 4,581             |
| - of which, capital losses                                    | - 7             | - 3             | - 184             | - 188             |
| - of which, impairment losses                                 | - 958           | _               | - 6,520           | - 7,478           |
| - of which, reversed impairment losses                        | _               | _               | 4,161             | 4,161             |
| - of which, provisions  | 1,017           | 944             | 1,243             | 1,316             |
| - of which, changes in the fair value of energy derivatives   | 2,059           | 6,204           | - 1,594           | - 5,739           |
| - of which, changes in the fair value of inventories          | 121             | - 656           | - 662             | 115               |
| - of which, other non-recurring items affecting comparability | -               | _               | 302               | 302               |

#### Major items Q1 2024

- Capital gain (SEK 4.6 bn) mainly related to the sale of Norfolk Offshore Wind Zone in the United Kingdom
- Unrealised changes in the fair value of energy derivatives and inventories, SEK 2.2 bn

#### Impairment losses and reversed impairment losses

- Discussions with the State of Berlin during Q1 2024 led to an adjustment of the expected purchase price which resulted in an impairment of Assets held for sale related to Heat Berlin amounting to SEK 958 million.
- No previously recognised impairment losses have been reversed in the income statement.



### Wind & Solar - Installed capacity (MW<sup>1</sup>) Q1 2024

|                 | Solar | Onshore | Offshore | Batteries | Total |
|-----------------|-------|---------|----------|-----------|-------|
| United Kingdom  | -     | 623     | 686      | 55        | 1.364 |
| Denmark         | -     | 196     | 1.287    | -         | 1.483 |
| The Netherlands | 65    | 509     | 1.010    | -         | 1.584 |
| Sweden          | -     | 638     | 110      | -         | 748   |
| Germany         | 2     | 7       | 636      | -         | 645   |
| Total (MW)      | 67    | 1.973   | 3.730    | 55        | 5.824 |
|                 |       |         |          |           |       |
|                 |       |         |          |           |       |

| Batteries |
|-----------|
| Solar     |
| Onshore   |
| Offshore  |

| United Kingdom  |                |
|---|----------------|
| Thanet  | 300            |
| Ormonde (51%)   | 150            |
| Aberdeen  | 97             |
| Kentish Flats   | 90             |
| Kentish Flats Extension   | 50             |
| South Kyle (0%, AMA <sup>2</sup> )  | 240            |
| Pen Y Cymoedd   | 228            |
| Ray   | 54             |
| Edinbane  | 41             |
| Clashindarroch  | 37             |
| Swinford  | 22             |
| Battery@Ray   | 55             |
| Installed capacity (MW)   | 1.364          |
|   |                |
| Sweden  |                |
| Lillgrund   | 110            |
| Blakliden + Fäbodberget (30%)   | 353            |
|   |                |
| Stor-Rotliden   | 78             |
| Stor-Rotliden<br>Grönhult (0%, AMA <sup>2</sup> )                           | 78<br>67       |
|   |                |
| Grönhult (0%, AMA <sup>2</sup> )  | 67             |
| Grönhult (0%, AMA²)<br>Högabjär-Kärsås (50%)                                | 67<br>38       |
| Grönhult (0%, AMA <sup>2</sup> )<br>Högabjär-Kärsås (50%)<br>Höge Väg (50%) | 67<br>38<br>37 |

| Denmark                       |       |
|-------------------------------|-------|
| Kriegers Flak                 | 605   |
| Horns Rev 3                   | 407   |
| Horns Rev 1 (60%)             | 158   |
| Vesterhav                     | 118   |
| Klim (98%)                    | 67    |
| Nørrekær Enge 1 (99%)         | 30    |
| Rejsby Hede                   | 23    |
| Hagesholm                     | 23    |
| Tjæreborg Enge                | 17    |
| Bajlum (89%)                  | 15    |
| DræbyFed                      | 9     |
| Ejsing (97%)                  | 7     |
| Lyngmose                      | 5     |
| nstalled capacity (MW)        | 1.483 |
| Germany                       |       |
| DanTysk (51%)                 | 288   |
| Sandbank (51%)                | 288   |
| Alpha Ventus (26%)            | 60    |
| Westküste (20%)               | 7     |
| Decentral Solar installations | 2     |
| Installed capacity (MW)       | 645   |
|                               |       |

| The Netherlands               |       |
|-------------------------------|-------|
| Hollandskust Zuid (51%)       | 1.010 |
| Princess Ariane               | 184   |
| Princess Alexia               | 122   |
| 🗾 Windplan Blauw              | 72    |
| A16 / Klaverspoor             | 34    |
| Slufterdam                    | 29    |
| Moerdijk                      | 27    |
| Haringvliet                   | 22    |
| Echteld                       | 8     |
| Oom Kees (12%)                | 6     |
| Oudendijk                     | 5     |
| Haringvliet                   | 38    |
| Kooypunt                      | 12    |
| Velsen                        | 2     |
| Hemweg                        | 2     |
| Diemen                        | 1     |
| Symbizon                      | 1     |
| Decentral Solar installations | 8     |
| Installed capacity (MW)       | 1.584 |

<sup>1</sup> Capacity in operation: total capacity of the wind farms that Vattenfall has an ownership or

is responsible for the operation. Minority shares included as 100%

<sup>2</sup> Asset divested but in operation by Vattenfall under Asset Management Agreement (AMA)



### Main projects BA Wind in our 5 core countries

| Country   | Name                      | Capacity Support Awarded Duration Owner- Commission- | Current status | Offebore |            |          |           |   |           |
|-----------|---------------------------|--|----------------|----------|------------|----------|-----------|---|-----------|
| Country   | Name                      | (MW)   | scheme         | Awarueu  | of support | ship (%) | ing       | Current status  | Offshore  |
| NL        | Hollandse Kust Zuid 1-4   | 1.520  | -              | Х        | -          | 51       | 2023/2024 | Commissioning ongoing, Partnering with BASF   | Onshore   |
| DK        | Vesterhav                 | 344  | FIT            | Х        | 50.000hrs  | 100      | 2023/2024 | Commissioning ongoing   |           |
| NL        | Windplan Blauw            | 77   | SDE+           | Х        | 15 yrs     | 100      | 2023/2024 | Commissioning ongoing. 13 commissioning certificates signed   | Solar     |
| SE        | Bruzaholm                 | 139  |                |          |            | 100      | 2025/2026 | Under construction  | Batteries |
| SE        | Velinga                   | 60   |                |          |            | 100      | 2026      | Under construction  |           |
| SE        | Battery@Bruzaholm         | 38   |                |          |            | 100      | 2025/2026 | Under construction  |           |
| SE        | Battery@Toledo            | 20   | -              |          | -          | 100      | 2024      | Under construction  |           |
| In constr | uction                    | 2.198  |                |          |            |          |           |   |           |
| UK        | Muir Mhor (Scotwind)      | 750  | CfD            |          |            | 50       | 2030      | Under development with consenting and permitting progressing to ensure participation in the CfD bid, JV with Fred Olsen |           |
| GE        | Nordlicht I (N 7.2)       | 980  | -              |          | -          | 50       | 2029      | Development rights received in September 2022,<br>FID planned for 2025  |           |
| GE        | Nordlicht II (N 6.6)      | 630  | -              |          | -          | 50       | 2029      | Development rights received in September 2023,<br>FID planned for 2025  |           |
| DE        | Wolfsberg                 | 17   | EEG            |          |            | 100      | 2026      | FID planned for 2024  |           |
| SE        | Vargtrask                 | 84   |                |          |            | 100      | 2027      | FID planned for 2024  |           |
| DE        | Big Battery @ Brunsbuttel | 230  | -              |          | -          | 100      | 2028      | FID planned for 2024  |           |
| DE        | Battery @ Tutzpatz        | 50   | -              |          | -          | 100      | 2025      | FID planned for 2024  |           |
| In develo | pment (in mature stage)   | 2.741  |                |          |            |          |           |   |           |

