LG ENERGY SOLUTION, LTD. AND ITS SUBSIDIARIES

Interim Condensed Consolidated Financial Statements As of March 31, 2025, and December 31, 2024, and For the Three-Month Periods Ended March 31, 2025 and 2024

(With the Independent Auditor's Review Report Thereon)



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Report on Review of Interim Condensed Consolidated Financial Statements

English Translation of Independent Auditor's Review Report Originally Issued in Korean on May 9, 2025

To the Shareholders and the Board of Directors of LG Energy Solution, Ltd.:

Reviewed financial statements

We have reviewed the accompanying interim condensed consolidated financial statements of LG Energy Solution, Ltd. and its subsidiaries (the "Group"). These interim condensed consolidated financial statements consist of the interim condensed consolidated statements of financial position as of March 31, 2025, and the related interim condensed consolidated statements of profit or loss, interim condensed consolidated statements of comprehensive income, interim condensed consolidated statements of changes in equity and interim condensed consolidated statements of cash flows, all expressed in Korean won, for the three-month periods ended March 31, 2025 and 2024, and a summary of significant accounting policies and other explanatory information.

Management's responsibility for the interim condensed consolidated financial statements

Management is responsible for the preparation and presentation of these interim condensed consolidated financial statements in accordance with Korean International Financial Reporting Standard ("K-IFRS") 1034 *Interim Financial Reporting*, and for such internal control as management determines is necessary to enable the preparation of interim condensed consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's responsibility

Our responsibility is to express a conclusion on these interim condensed consolidated financial statements based on our review.

We conducted our review in accordance with the review standards for interim financial statements in the Republic of Korea. A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Korean Standards on Auditing ("KSAs") and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the accompanying interim condensed consolidated financial statements are not prepared, in all material respects, in accordance with K-IFRS 1034 *Interim Financial Reporting*.

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Other matters

We have audited the consolidated statement of financial position of the Group as of December 31, 2024, and the related consolidated statement of profit or loss, consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended, in accordance with KSAs. We expressed an unqualified opinion on those consolidated financial statements, not presented herein, in our audit report dated March 5, 2025.

The accompanying consolidated statement of financial position as of December 31, 2024, presented for comparative purposes, is not different, in all material respects, from the above audited consolidated statement of financial position.

Deloithe Idnjin UC

May 9, 2025

This review report is effective as of May 9, 2025, the independent auditor's review report date. Accordingly, certain material subsequent events or circumstances may have occurred during the period from the independent auditor's review report date to the time this review report is used. Such events and circumstances could significantly affect the accompanying interim condensed consolidated financial statements and may result in modifications to this review report.

LG ENERGY SOLUTION, LTD. AND ITS SUBSIDIARIES (the "Group")

Interim condensed consolidated financial statements as of March 31, 2025, and December 31, 2024, and for the three-month periods ended March 31, 2025 and 2024

"The accompanying interim condensed consolidated financial statements, including all footnotes and disclosures, have been prepared by, and are the responsibility of, the Group."

Dong Myung Kim Chief Executive Officer LG Energy Solution, Ltd.

Interim condensed consolidated statements of financial position

As of March 31, 2025, and December 31, 2024

(Korean won in millions)				
(Rolean won in minions)	Notes	_	March 31, 2025	December 31, 2024
Assets				
Current assets				
Cash and cash equivalents	3,5,6	₩	3,573,556 ₩	3,898,711
Trade receivables	3,5,7,30		5,317,254	4,944,019
Other receivables	3,5,7,30		781,850	603,635
Other current financial assets	3,5,8		454	42
Prepaid income taxes			73,629	121,269
Other current assets	13,33		1,099,097	1,207,364
Inventories	9		4,282,070	4,552,355
			15,127,910	15,327,395
Non-current assets				
Trade receivables	3,5,7		178,356	392,584
Other receivables	3,5,7,30		114,329	134,450
Other non-current financial assets	3,5,8		1,211,049	1,132,368
Investments in associates and joint ventures	10,30		64,489	62,389
Deferred tax assets	27		2,852,381	2,774,153
Property, plant and equipment	11,18,32		40,289,799	38,349,552
Intangible assets	12,32		1,448,696	1,284,576
Investment properties	32,34		228,187	225,934
Other non-current assets	13,16		783,782	623,390
			47,171,068	44,979,396
Total assets		₩	62,298,978 ₩	60,306,791
Liabilities				, <u>, , ,</u>
Current liabilities				
Trade payables	3,5,30	₩	2,830,786 ₩	2,705,481
Other payables	3,5,30		4,304,123	5,389,848
Borrowings	3,5,11,14,31		3,146,383	2,490,240
Provisions	15		1,003,052	1,044,468
Other current financial liabilities	3,5,8		683	1,159
Income tax payables	-)-)-		41,918	15,550
Other current liabilities	17,33		538,017	408,176
	-)		11,864,962	12,054,922
Non-current liabilities				
Other payables	3,5,30		16,045	22,082
Borrowings	3,5,11,14,31		14,466,196	12,900,311
Other non-current financial liabilities	3,5,8		1,248,579	1,000,635
Provisions	15		906,004	778,686
Net defined benefit liabilities	16		34	403
Deferred tax liabilities	27		61,932	60,733
Other non-current liabilities	17,33		2,464,681	2,522,476
			19,163,471	17,285,326
Total liabilities			31,028,433	29,340,248
Equity attributable to owners of				
the Parent Company				
Share capital	19		117,000	117,000
Capital surplus	19		17,164,627	17,164,627
Accumulated other comprehensive income			2,640,435	2,437,399
Retained earnings	20		1,240,583	1,397,211
			21,162,645	21,116,237
Non-controlling interest			10,107,900	9,850,306
Total equity			31,270,545	30,966,543
Total liabilities and equity		₩	<u>62,298,978</u> ₩	60,306,791

Interim condensed consolidated statements of profit or loss For the three-month periods ended March 31, 2025 and 2024 (Korean won in millions)

(Korean won in millions)					
	Notes		March 31, 2025		March 31, 2024
Revenue	30,33	₩	6,264,995	₩	6,128,714
Cost of sales	21,22,30		5,252,739		5,204,715
Gross profit			1,012,256		923,999
Other operating income			457,716		188,954
Selling and administrative expenses	21,22,30		1,095,299		955,616
Operating profit			374,673		157,337
Finance income	5,24,30		272,642		282,667
Finance costs	5,24,30		268,403		257,578
Share of loss of associates and joint ventures	10		(499)		(12,631)
Other non-operating income	25		170,393		203,984
Other non-operating expenses	26		184,300		151,130
Profit before income tax expense			364,506		222,649
Income tax expense	27		137,933		10,597
Profit for the period		₩	226,573	₩	212,052
Profit for the period attributable to:					
Owners of the Parent Company		₩	(145,740)	₩	(464)
Non-controlling interests			372,313		212,516
Earnings (loss) per share attributable to the equity holders of the Parent Company (in Korean won)	28				
Basic or diluted earnings (loss) per share			(623)		(2)

Interim condensed consolidated statements of comprehensive income For the three-month periods ended March 31, 2025 and 2024

(17		•	• 11	•
(Korean	won	1n	mil	lions)
(12010411				nonsj

	Notes	March 31, 2025	March 31, 2024
Profit for the period Other comprehensive income(loss):		₩ 226,573	
Items that will not be subsequently reclassified to profit or loss:			
Remeasurements of net defined benefit liabilities	16	881	(651)
Gain (loss) on valuation of financial assets at fair value through other comprehensive income ("FVOCI")	5	(2,684)	907
Income tax effect of other comprehensive income	_	417	(44)
		(1,386)	212
Items that may be subsequently reclassified to profit or loss:			
Exchange differences on translation of foreign operations	5	153,777	693,471
Gain on cash flow hedge Share of other comprehensive income of associates and	5	638	1,383
joint ventures	10	-	9,538
Income tax effect of other comprehensive income	_	19,361	(4,800)
-		173,776	699,592
Other comprehensive income for the period, net of tax	-	172,390	699,804
Total comprehensive income for the period, net of tax	<u>+</u>	₩ 398,963	<u>₩ 911,856</u>
Total comprehensive income for the period attributable to:			
Owners of the Parent Company	1	₩ 46,408	₩ 492,273
Non-controlling interest		352,555	419,583

Interim condensed consolidated statements of changes in equity For the three-month periods ended March 31, 2025 and 2024

(Korean won in millions)		Attributable to the equity holders of the Parent Company							
	Notes		Share capital	Capital surplus	Accumulated other comprehensive income (loss)	Retained earnings	Subtotal	Non-controlling interests	Total
As of January 1, 2024	110000	₩	117,000 ₩	17,164,627 ₩	· · · · · ·		20,200,641		24,373,509
Comprehensive income for the period:			,	, ,	,	, ,	, ,	, ,	
Profit for the period			-	_	-	(464)	(464)	212,516	212,052
Remeasurements of net defined benefit liabilities	16		-	-	_	(502)	(502)	,	(502)
Exchange differences on translation of foreign operations			-	_	481,942	-	481,942	207,067	689,009
Gain on valuation of financial assets at FVOCI	5		-	_	714	-	714	-	714
Cash flow hedge	5		-	-	1,045	-	1,045	-	1,045
Equity adjustments in equity method	10		-	-	9.538	-	9,538	-	9,538
Total comprehensive income for the period			_	_	493,239	(966)	492,273	419,583	911,856
Transactions with owners of the Parent Company recognized directly in equity:					,	()	- ,	-)	- ,
Capital increase			-	-	-	-	-	1,500,454	1,500,454
Others			-	-	<u>-</u>	115	115	(81,095)	(80,980)
Total transactions with owners of the Parent Company recognized directly in equity			-	-	-	115	115	1,419,359	1,419,474
As of March 31, 2024		₩	<u>117,000</u> ₩	17,164,627 ₩	<u>≭ 1,047,757</u> ₩	<u>≠ 2,363,645</u> ₩	20,693,029	₩ 6,011,810 ₩	26,704,839
As of January 1, 2025		₩	117,000 ₩	17,164,627 ₩	≠ 2,437,399 ₩	≠ 1,397,211 ₩	21,116,237	₩ 9,850,306 ₩	30,966,543
Comprehensive income for the period:									
Profit for the period			-	-	-	(145,740)	(145,740)	372,313	226,573
Remeasurements of net defined benefit liabilities	16		-	-	-	680	680	-	680
Exchange differences on translation of foreign operations			-	-	193,209	-	193,209	(19,758)	173,451
Loss on valuation of financial assets at FVOCI	5		-	-	(2,066)	-	(2,066)	-	(2,066)
Cash flow hedge	5		-	-	325	-	325	<u> </u>	325
Total comprehensive income for the period Transactions with owners of the Parent Company recognized directly in equity:			-	-	191,468	(145,060)	46,408	352,555	398,963
Capital increase			-	-	-	-	-	1,036,130	1,036,130
Reclassification from disposal of financial assets at FVOCI			-	-	11,568	(11,568)	-	-	-
Others				_			-	(1,131,091)	(1,131,091)
Total transactions with owners of the Parent Company recognized directly in equity			-	-	11,568	(11,568)	-	(94,961)	(94,961)
As of March 31, 2025		₩	<u>117,000</u> ₩	17,164,627 ₩	<u>≠ 2,640,435</u> ₩	≠ 1,240,583 ₩	21,162,645	₩ 10,107,900 ₩	31,270,545

LG Energy Solution, Ltd. and its subsidiaries Interim condensed consolidated statements of cash flows For the three-month periods ended March 31, 2025 and 2024 (Korean won in millions)

(Korean won in millions)				
	Notes	Ma	rch 31, 2025	March 31, 2024
Cash flows from operating activities:				
Cash generated from operations	31	₩	1,447,674 ₩	₹ 709,250
Interest received			37,840	58,380
Interest paid			(204,879)	(126,006)
Dividends received			38	-
Income tax paid			(118,640)	(110,555)
Net cash provided by (used in) operating activities			1,162,033	531,069
Cash flows from investing activities:				
Cash inflow from investing activities:				
Decrease in other receivables			1,383	15,635
Decrease in other non-current receivables			10,434	2,765
Proceeds from disposal of financial assets			1,300	-
Proceeds from disposal of property, plant and equipment			17,677	14,743
Proceeds from disposal of intangible assets			56	1
Government grants received			2,135	4,485
			32,985	37,629
Cash outflow for investing activities:				
Increase in other receivables			(138,763)	(655)
Increase in other non-current receivables			(10,321)	(29,507)
Acquisition of investments in associates			(2,637)	(2,757)
Acquisition of financial instruments			(22,795)	(1,113)
Acquisition of property, plant and equipment			(3,264,613)	(3,437,337)
Acquisition of intangible assets			(34,681)	(30,733)
			(3,473,810)	(3,502,102)
Net cash used in investing activities			(3,440,825)	(3,464,473)
Cash flows from financing activities:				
Cash inflow from financing activities:				
Proceeds from borrowings and others	31		3,419,394	3,043,557
Paid-in capital by non-controlling interests			1,036,130	1,500,454
			4,455,524	4,544,011
Cash outflow for financing activities:				<i></i>
Repayments of borrowings and others	31		(1,374,180)	(1,455,798)
Others			(1,131,091)	(81,095)
			(2,505,271)	(1,536,893)
Net cash provided by financing activities			1,950,253	3,007,118
Net increase (decrease) in cash and cash equivalents			(328,539)	73,714
Cash and cash equivalents at the beginning of period			3,898,711	5,068,783
Effects of exchange rate changes on cash and cash equivalents			3,384	145,885
Cash and cash equivalents at the end of period		₩	3,573,556 ₩	₹ 5,288,382

1. GENERAL:

General information about LG Energy Solution, Ltd. (the "Company" or the "Parent Company") and its 24 subsidiaries (collectively, the "Group") is as follows:

1.1 Company Information

The Parent Company, a split-off of LG Chem Ltd.'s battery division, was incorporated on December 1, 2020.

As of March 31, 2025, the Company is engaged in the battery industry, with its manufacturing facilities located at Ochang.

The Company's shares have been listed on the Korea Exchange since January 27, 2022, and the share capital is #117,000 million as of March 31, 2025. The largest shareholder of the Company is LG Chem Ltd., which holds 81.84% of the Company's ordinary shares.

The Company is authorized to issue 800 million shares (₩500 per share) and has issued 234 million of ordinary shares as of March 31, 2025.

1.2 Business Overview

The Group is engaged in providing energy solution services.

The Group manufactures and supplies batteries ranging from IT and new application batteries for mobile phones and laptops to automotive batteries for electric vehicles and ESS batteries. Demand for mobile batteries for new applications, such as electric tools and other electrical devices, as well as traditional IT devices, is increasing recently, and the automotive battery business is also expected to expand rapidly due to increasing demand for batteries associated with enhanced environment regulation in developed countries. Demand for ESS is expanding with an increasing importance of efficient usage of electricity and generation of renewable energy.

1.3 Consolidated Subsidiaries and Investments in Associates and Joint Ventures

	Owne	rship (%)		Closing		
	March 31, 2025	December 31, 2024	Location	month	Business	
Subsidiaries:					Mahila hattama	
LG Energy Solution (Nanjing) Co., Ltd.	100	100	China	December	Mobile battery manufacturing, sales and others	
LG Energy Solution Michigan Inc. (*1)	100	100	USA	December	Automotive battery research and manufacturing	
LG Energy Solution Battery (Nanjing) Co., Ltd.	100	100	China	December	Automotive battery manufacturing and sales	
LG Energy Solution Wroclaw sp. z o.o.	100	100	Poland	December	Automotive battery manufacturing and sales	
LG Energy Solution Australia Pty Ltd.	100	100	Australia	December	ESS battery sales	
LG Energy Solution Technology (Nanjing) Co., Ltd.	100	100	China	December	Automotive battery manufacturing, sales and others	
Ultium Cells Holdings LLC (*2)	50	50	USA	December	Automotive battery manufacturing and sales	
Ultium Cells LLC (*2)	50	50	USA	December	Automotive battery manufacturing and sales	
LG Energy Solution Europe GmbH	100	100	Germany	December	ESS battery sales and others	
LG Energy Solution (Taiwan) Ltd.	100	100	Taiwan	December	Mobile battery sales and others	
Areumnoori Co., Ltd.	100	100	Korea	December	Facility management and cleaning	
LG Energy Solution Fund I LLC	100	100	USA	December	Investment in ventures	
LG Energy Solution Vertech Inc.	100	100	USA	December	ESS battery installation service	
LG Energy Solution Arizona, Inc.	100	100	USA	December	Mobile battery manufacturing and sales	
Baterias De Castilla, S.L.	100	100	Spain	December	Others	
L-H Battery Company, Inc.	51	51	USA	December	Automotive battery manufacturing and sales	
LG Energy Solution India Private Limited	100	100	India	December	Mobile battery sales and others	
LG Energy Solution Arizona ESS, Inc.	100	100	USA	December	ESS battery manufacturing and sales	
Nextstar Energy Inc.	51	51	Canada	December	Automotive battery manufacturing and sales	
LG Energy Solution Fund II LLC	100	100	USA	December	Investment in ventures	
HL-GA Battery Company LLC (*5)	50	50	USA	December	Automotive battery manufacturing and sales	
LG Energy Solution Japan Co., Ltd.	100	100	Japan	December	ESS battery sales	
PT. HLI Green Power (*4)	50	50	Indonesia	December	Automotive battery manufacturing and sales	
LG Energy Solution China Co., Ltd. (*3)	100	-	China	December	Business support services and others	
Associates and joint ventures:						
Sama Aluminium Co., Ltd. (*6)	10.2	10.2	Korea	December	Aluminum manufacturing, sales and others	
Nexpo Co., Ltd. (*7)	19	19	Korea	December	Battery product manufacturing, sales and others	
Bricks Capital Management Global Battery Private Equity Fund I (*8)	59.9	59.9	Korea	December	Collective investment institution	

(*1) LG Energy Solution Michigan Inc. owns 50% of Ultium Cells Holdings LLC and HL-GA Battery Company LLC's shares.

- (*2) The Group does not hold a majority ownership interest in Ultium Cells LLC or Ultium Cells Holdings LLC. According to the arrangement between shareholders, the Group holds the majority of voting rights in the decision-making process of the entity and has the ability to affect the variable returns by engaging in the entity's production and cost management. This implies that the Group exercises control over the entity.
- (*4) Although the Group does not hold a majority ownership interest in PT. HLI Green Power, amendments in the shareholder agreement grant the Group holds the majority of voting rights in the decision-making process of the entity and has the ability to affect variable returns by engaging in the entity's production and cost management. Accordingly, PT. HLI Green Power was included as a subsidiary in the consolidated financial statements during the current period.
- (*5) Although the Group does not hold a majority ownership interest in HL-GA Battery Company LLC, amendments in the shareholder agreement grant the Group holds the majority of voting rights in the decision-making process of the entity and has the ability to affect variable returns by engaging in the entity's production and cost management. Accordingly, HL-GA Battery Company LLC was included as a subsidiary in the consolidated financial statements during the current period.
- (*6) Although the ownership in Sama Aluminium Co., Ltd. is less than 20%, the arrangement between shareholders ensures that the Group has the ability to participate in the decision-making process, thus exerting significant influence over the entity. As a result, the entity is classified as an associate.
- (*7) Although the ownership in Nexpo Co., Ltd. is less than 20%, the arrangement between shareholders ensures that the Group has the ability to participate in the decision-making process, thus exerting significant influence over the entity. As a result, the entity is classified as an associate.
- (*8) Although the subsidiary's equity stake in the joint venture exceeds 50%, but since unanimous consent from all equity participants is required for major decisions, the Group has concluded that it does not control the joint venture. As a result, it has been classified as an investment in an associate.

1.4 Changes in Scope for Consolidation

New subsidiary included in the interim condensed consolidated financial statements for the three-month period ended March 31, 2025, is as follows:

LG Energy Solution China Co., Ltd.

Reason for the inclusion

Incorporated during the current period

2. BASIS OF PREPARATION AND MATERIAL ACCOUNTING POLICIES:

2.1 Basis of Preparation

The Group's interim condensed consolidated financial statements were prepared in accordance with Korean International Financial Reporting Standard ("K-IFRS") 1034 *Interim Financial Reporting* as part of the period covered by the Group's K-IFRSs annual consolidated financial statements. In order to be understood, these interim condensed consolidated financial statements should be read in conjunction with the annual consolidated financial statements as of and for the fiscal year ended December 31, 2024, prepared in accordance with the K-IFRSs.

2.2 Application of the Amended and Enacted Standards

The material accounting policies applied in the preparation of the interim condensed separate financial statements are consistent with the accounting policies adopted in the preparation of the annual separate financial statements as of and for the fiscal year ended December 31, 2024, except for the impacts related to the adoption of the standards or interpretations described below.

1) New and amended K-IFRSs and new interpretations that are effective for the current period

- K-IFRS 1021 The Effects of Changes in Foreign Exchange Rates - Lack of Exchangeability

The amendments specify how to assess whether a currency is exchangeable, and how to determine the exchange rate when it is not.

The amendments state that a currency is exchangeable into another currency when an entity is able to obtain the other currency within a time frame that allows for a normal administrative delay and through a market or exchange mechanism in which an exchange transaction would create enforceable rights and obligations.

The amendments are effective for annual reporting periods beginning on or after January 1, 2025, with earlier application permitted. An entity is not permitted to apply the amendments retrospectively. Instead, an entity is required to apply the specific transition provisions included in the amendments.

2) New and revised K-IFRSs in issue, but not yet effective

- K-IFRS 1109 Financial Instruments and K-IFRS 1107 Financial Instruments: Disclosures - Classification and Measurement Requirements of Financial Instruments

The amendments clarify the conditions related to the discharge of a financial liability before the settlement date when settling such financial liabilities using an electronic payment system. They further specify an interest feature, a contingent feature, financial assets with non-recourse features and contractually linked instruments that should be considered in assessing whether contractual cash flows of a financial asset are consistent with a basic lending arrangement. Furthermore, the amendments include additional disclosure requirements for investments in equity instruments designated at fair value through other comprehensive income and contractual terms that could change the timing or amount of contractual cash flows. The amendments are applied retrospectively for annual reporting periods beginning on or after January 1, 2026, with earlier application permitted.

- K-IFRS 1109 Financial Instruments - Derecognition of Lease Liabilities and Transaction Price

The amendments clarify that when a lessee has determined that a lease liability has been extinguished in accordance with K-IFRS 1109, the lessee is required to recognize any resulting gain or loss in profit or loss. Additionally, the amendments have replaced 'their transaction price (as defined in K-IFRS 1115)' in K-IFRS 1109:5.1.3 with 'the amount determined by applying K-IFRS 1115' to remove an inconsistency between K-IFRS 1109 and the requirements in K-IFRS 1115. The amendments are effective for annual reporting periods beginning on or after January 1, 2026, with earlier application permitted.

- K-IFRS 1110 Consolidated Financial Statements - Determination of 'De Facto Agent'

The amendments have amended K-IFRS 10:B74 to use less conclusive language and to clarify that the relationship described in IFRS 10:B74 is just one example of a circumstance in which judgment is required to determine whether a party is acting as a de facto agent.

The amendments are effective for annual reporting periods beginning on or after January 1, 2026, with earlier application permitted.

- K-IFRS 1101 First-Time Adoption of Korean International Financial Reporting Standards – Hedging Accounting by a First-Time Adopter

The amendments have improved the consistency of the wording of K-IFRS 1101:B6 with the requirements for hedge accounting in K-IFRS 1109 and added cross-references to K-IFRS 1109:6.4.1 to improve the understandability of K-IFRS 1101.

The amendments are effective for annual reporting periods beginning on or after January 1, 2026, with earlier application permitted.

- K-IFRS 1107 Financial Instruments: Disclosures - Gain or Loss on Derecognition

The amendments have updated the obsolete cross-reference in K-IFRS 1107:B38 and aligned the wording of this paragraph with the terms used in K-IFRS.

The amendments are effective for annual reporting periods beginning on or after January 1, 2026, with earlier application permitted.

- K-IFRS 1007 Statement of Cash Flows: Cost Method

The amendments have replaced the term 'cost method' with 'at cost' in K-IFRS 1007:37.

The amendments are effective for annual reporting periods beginning on or after January 1, 2026, with earlier application permitted.

The Group does not anticipate that the application of the amendment will have a significant impact on its interim condensed consolidated financial statements.

3. FINANCIAL RISK MANAGEMENT:

3.1 Financial Risk Factors

The Group's activities expose it to a variety of financial risks: market, credit and liquidity. The Group's overall risk management program focuses on the unpredictability of financial markets and seeks to minimize potential adverse effects on the financial performance of the Group. The Group uses derivative financial instruments to hedge certain risk exposures.

Risk management is carried out by the Group's finance team under policies approved by the board of directors. The finance team identifies, evaluates and hedges financial risks in close cooperation with the Group's operating units. The board of directors reviews and approves written principles for overall risk management, as well as written policies covering specific areas, such as foreign exchange risk, interest-rate risk and credit risk; use of derivative financial instruments and non-derivative financial instruments; and investment of excess liquidity.

- (1) Market risk
- 1) Foreign exchange risk

The Group operates internationally and is exposed to foreign exchange risk arising from foreign currency exposures, primarily with respect to the US dollar. Foreign exchange risk arises from forecast transactions and recognized assets and liabilities.

Management has set up a policy to require each company in the Group to manage its foreign exchange risk against its functional currency. The Group manages maximum loss for currency risk exposures within acceptable range using currency risk management model and employs who are exclusively responsible for currency risk management.

The Group has certain investments in foreign operations whose net assets are exposed to foreign exchange risk. Currency exposure arising from the net assets of the Group's foreign operations is managed primarily through borrowings denominated in the relevant foreign currencies.

Monetary assets and liabilities denominated in foreign currencies as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2	.025	December 31.	2024
		Assets	Liabilities	Assets	Liabilities
USD	₩	4,380,891 ₩	6,541,140 ₩	4,302,999 ₩	6,674,089
EUR		255,877	3,572,942	406,770	3,728,590
JPY		46,356	83,092	50,688	131,907
CNY and others		160,093	74,056	243,000	56,719

With all other variables held constant as of March 31, 2025, and December 31, 2024, a hypothetical change in exchange rates by 10% would have increased (decreased) the Group's net income as follows (Korean won in millions):

		March 31,		December	r 31, 20	024	
	100	<u>% increase</u>	10% decrease		10% increase	10	% decrease
USD	₩	(216,025) ₩	216,025	₩	(237,109)	₩	237,109
EUR		(331,707)	331,707		(332,182)		332,182
JPY		(3,674)	3,674		(8,122)		8,122
CNY and others		8,604	(8,604)		18,628		(18,628)

The above sensitivity analysis has been performed for monetary assets and liabilities denominated in foreign currencies as of the end of the quarter.

As of March 31, 2025, the Group entered into foreign currency forward and foreign currency swaps to hedge change in exchange rates and the details are as follows (Korean won in millions):

		Contract amount	Contract Contract Contract				Book am	ount
	Contractor	(in millions)	exchange rate	inception date	maturity		Assets	Liabilities
Currency forward (*)	KB Kookmin Bank	USD 500	1,102.83	2020.11.24	2029.04.16	₩	130,226 ₩	-
	JP Morgan	USD 200	1,337.60	2023.09.25	2026.09.25		26,214	-
	Shinhan Bank	USD 200	1,337.60	2023.09.25	2026.09.25		24,907	-
	KDB Bank	USD 400	1,337.60	2023.09.25	2028.09.25		44,814	-
	Woori Bank	USD 200	1,337.60	2023.09.25	2028.09.25		22,397	-
	DBS	USD 200	1,380.80	2024.07.02	2027.07.02		20,846	-
	JP Morgan	USD 200	1,380.80	2024.07.02	2027.07.02		20,767	-
	Shinhan Bank	USD 300	1,380.80	2024.07.02	2027.07.02		29,090	-
Currency swap (*)	KB Kookmin Bank	USD 200	1,380.80	2024.07.02	2029.07.02		18,243	-
	Woori Bank	USD 200	1,380.80	2024.07.02	2029.07.02		18,302	-
	Korea Exim Bank	USD 200	1,380.80	2024.07.02	2029.07.02		18,159	-
	IBK Securities	USD 100	1,380.80	2024.07.02	2029.07.02		9,082	-
	KDB Bank	USD 100	1,380.80	2024.07.02	2029.07.02		9,096	-
	KDB Bank	USD 400	1,380.80	2024.07.02	2034.07.02		21,932	-
	Woori Bank	USD 100	1,380.80	2024.07.02	2034.07.02		5,488	-

(*) A derivative where hedge accounting is not applied.

2) Interest rate risk

Interest rate risk is defined as the risk that the interest income or expenses arising from deposits and borrowings will fluctuate because of changes in future market interest rate. The interest-rate risk mainly arises through floating-rate deposits and borrowings. The objective of interest-rate risk management lies in maximizing corporate value by minimizing uncertainty in interest-rate fluctuations and net interest expense.

The Group adequately minimizes risks from interest-rate fluctuations through various policies, such as sharing excess cash within the Group (internal cash sharing) to minimize external borrowings; avoiding high-rate borrowings; reforming capital structure; managing an appropriate ratio of fixed-rate borrowings and floating-rate borrowings; monitoring a fluctuation of domestic and foreign interest rates daily, weekly and monthly; establishing alternatives; and balancing floating-rate short-term borrowings with floating-rate deposits.

The table below summarizes the impact of increases/decreases of interest rate on the Group's equity and profit before tax for the period. The analysis is based on the assumption that the interest rate has increased/decreased by 1% (100 bp) with all other variables held constant (Korean won in millions).

		Effect on profit and	loss before tax	Impact of	n equity
		March 31, 2025	December 31, 2024	March 31, 2025	December 31, 2024
Increase	₩	(53,032) ₩	(46,125) ₩	(53,032)	₩ (46,125)
Decrease		53,032	46,125	53,032	46,125

3) Price risk

The Group is exposed to price risks from equity instruments. As of March 31, 2025, the fair value of equity instruments is #168,013 million. With all other variables held constant, a price change in equity instruments by 10% would have changed the Group's equity by #16,801 million before tax.

(2) Credit risk

Credit risk arises from trade receivables that the Group holds as well as financial assets at amortized cost or at FVOCI.

The Group has established the following policies and procedures to manage credit risks:

To manage credit risks relating to trade receivables, the Group evaluates the credit rating of customers and determines the credit limit for each customer based on the information provided by credit rating agencies and other available financial information before commencing business with new customers. The credit risks relating to trade receivables are also mitigated by insurance contracts and collateral, as well as payment guarantees.

The Group has entered into export bond insurance contracts with Korea Trade Insurance Corporation to mitigate credit risks relating to export trade receivables to overseas customers. The Group is also provided with collateral by customers depending on their credit rating or payment guarantees from the customers' financial institutions, if necessary.

The Group has deposited its cash and cash equivalents and other long-term deposits in several financial institutions, such as Woori Bank and others. The Group has also entered into derivative contract with several financial institutions. The Group maintains business relationship with the financial institutions with high credit ratings evaluated by independent credit rating agencies and, accordingly, credit risks associated with these financial institutions are limited.

1) Trade receivables

The Group applies the simplified approach in measuring expected credit losses, which uses lifetime expected provisions for trade receivables. To measure the expected credit losses, trade receivables have been grouped based on shared credit risk characteristics and the days past due. The provisions for receivables as of March 31, 2025, and December 31, 2024, are as follows. Expected credit losses include forward-looking information (Korean won in millions):

	R	eceivables not past due (*)		Receivables past due, but not impaired (*)	Receivables impaired (individually evaluated)		Total
March 31, 2025 (trade receivables)							
Gross carrying amount	₩	5,238,271	₩	257,339 ₩	1 ¥	₩	5,495,611
Expected loss rate		-		-	100.00%		0.00%
Provisions for receivables		-		-	1		1
December 31, 2024 (trade receivab	les)						
Gross carrying amount	₩	5,226,311	₩	110,292 ₩	1 4	₩	5,336,604
Expected loss rate		-		-	100.00%		0.00%
Provisions for receivables (*) See Note 7.(3) for aging analysis.		-		-	1		1

Changes in the provisions for trade receivables for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

	2025		2024
Beginning	₩	1 ₩	-
Provisions recognized in profit or loss		-	13
Write-off		-	(12)
Ending	₩	1 ₩	1

As of March 31, 2025, the carrying amount of trade receivables representing the maximum exposure to credit risk amounts to \$5,495,610 million (as of December 31, 2024, was \$5,336,603 million).

2) Other financial assets at amortized cost

All of the financial assets at amortized cost are considered to have low credit risk, and the provisions recognized during the period were, therefore, limited to 12 months' expected losses. As of March 31, 2025, and December 31, 2024, the provisions for other financial assets at amortized cost do not exist.

3) Debt instruments measured at FVOCI

Debt instruments measured at FVOCI include trade receivables to be discounted. The provisions for these instruments are recognized in profit or loss and reduce the amount that would have been recognized in other comprehensive income as a loss on fair value change.

(3) Liquidity risk

The finance team of the Group monitors rolling forecasts of the Group's liquidity requirements to ensure it has sufficient cash to meet operational needs, while maintaining the limit of unused borrowings at an appropriate level so that the Group does not breach borrowing limits or covenants (where applicable) on any of its borrowing facilities. The Group's liquidity management policy considers the Group's financing plans; covenants on the debt contracts; target financial ratios; and, if applicable, other external regulatory requirements on the currency and others.

1) The table below analyzes the Group's derivative financial liabilities into relevant maturity groupings based on the remaining period from the reporting period to the contractual maturity date. Cash flows presented below are gross cash flows before discount and include cash flows for interests (Korean won in millions):

	March 31, 2025							
	Less than		Between		Between		More than	
		1 year	1 year-2 years		2–5 years		5 years	
Non-derivative instruments:								
Borrowings	₩	3,420,474	₩ 4,272,322	₩	10,131,575	₩	2,204,673	
Lease liabilities		93,519	58,046		109,023		142,663	
Trade and other payables (*)		7,134,909	15,631		399		15	
		10,648,902	4,345,999		10,240,997		2,347,351	
Derivative instruments:								
Currency forwards and swaps settled in								
gross:								
Inflows		-	(586,600))	(3,812,900)		(733,250)	
Outflows		-	535,040		3,425,175		690,400	
		-	(51,560))	(387,725)		(42,850)	
	₩	10,648,902	₩ 4,294,439	₩	9,853,272	₩	2,304,501	

	December 31, 2024						
		Less than 1 year	Between 1 year–2 years		Between 2–5 years		More than 5 years
Non-derivative instruments:							
Borrowings	₩	3,059,952	₩ 3,658,210	₩	8,594,217	₩	2,340,232
Lease liabilities		87,984	57,643		103,007		134,674
Trade and other payables (*)	_	8,095,329	17,194		4,887		1
		11,243,265	3,733,047		8,702,111		2,474,907
Derivative instruments:							
Currency forwards and swaps settled in gross:							
Inflows		-	(588,000))	(3,822,000)		(735,000)
Outflows	_		535,040		3,425,175		690,400
		-	(52,960))	(396,825)		(44,600)
	₩	11,243,265	₩ 3,680,087	₩	8,305,286	₩	2,430,307

(*) As of March 31, 2025, the amount paid using the purchasing card includes ₩425,479 million, for which the substantive maturity has been extended (as of December 31, 2024, was ₩439,603 million) (see Note 5.(3)).

2) As of March 31, 2025, the Group has entered into swap contracts, to which cash flow hedge accounting is applied, to avoid fluctuations in the market price of raw materials (Korean won in millions).

	Purpose of	Hedged	Financial		March 31, 2025		Decembe	er 31, 2024
_	the contracts	items	institution	Maturity	Assets	Liabilities	Assets	Liabilities
Merchandise	Cash flow	Non-ferrous	Citibank, etc.	December 2027	₩ 608	8 ₩ 870	₩ 64	₩ 1,594
(raw materials) swap (*)	hedge	metal		2027				

(*) Gain (loss) on the contracts that hedge the cash flow risk of forecast transaction is recognized in accumulated other comprehensive income and is fully effective portion for hedging.

3.2 Capital Risk Management

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

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

The gearing ratio and debt-to-equity ratio as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Total borrowings (Note 14) (A)	₩	17,612,579	₩ 15,390,551
Less: Cash and cash equivalents (B)		(3,573,556)	(3,898,711)
Net debt (C=A+B)		14,039,023	11,491,840
Total liabilities (D)		31,028,433	29,340,248
Total equity (E)		31,270,545	30,966,543
Total capital ($F=C+E$)		45,309,568	42,458,383
Gearing ratio (C/F)		31.0%	27.1%
Debt-to-equity ratio (D/E)		99.2%	94.7%

3.3 Fair Value Estimation

(1) The carrying amount and fair value of financial instruments by category as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

	March	31, 2025	December 31, 2024		
	Carrying		Carrying		
F [•]	amount	Fair value	amount	Fair value	
Financial assets (current):		(2 000 711		
Cash and cash equivalents	₩ 3,573,550		-,,	(*)	
Trade receivables	5,317,254	4 (*)	4,944,019	(*)	
Other receivables (excluding deposits from financial institutions)	641,080) (*)	603,635	(*)	
Deposits from financial institutions	140,770) (*)	-	-	
Current derivative financial assets	454	4 454	42	42	
Financial assets (non-current):					
Trade receivables	178,350	6 (*)	392,584	(*)	
Other receivables (excluding deposits from financial institutions)	48,130		68,219	(*)	
Deposits from financial institutions	66,199	ə (*)	66,231	(*)	
Other non-current financial assets:	,				
Marketable financial assets	23,718	8 23,718	26,973	26,973	
Non-marketable financial assets	734,973	-	703,957	703,957	
Non-current derivative financial assets	32,795		31,163	31,163	
Non-current derivative financial assets (currency forward)	130,220	-	118,088	118,088	
Non-current derivative financial assets (currency swap)	289,337	7 289,337	252,187	252,187	
Financial liabilities (current):					
Trade and other payables	7,134,909	9 (*)	8,095,329	(*)	
Current borrowings (excluding lease liabilities)	3,068,217		2,413,086	(*)	
Current derivative financial liabilities	683	683	1,159	1,159	
Financial liabilities (non-current):					
Non-current borrowings (excluding lease liabilities)	14,218,442		12,641,359	13,202,530	
Other non-current payables	16,045	5 (*)	22,082	(*)	
Non-current derivative financial liabilities	187	7 187	435	435	
Non-current financial liabilities at amortized cost	1,248,392	2 (*)	1,000,200	(*)	

(*) Fair values for these financial assets and liabilities are not disclosed above as their carrying amounts are reasonable approximation of their fair values.

(2) Fair values for measurement and disclosure are determined based on the following method:

Fair values of financial liabilities (non-current) are calculated by discounting the expected cash outflows by yield from corporate bonds. These bonds are Korean won denominated with credit rating same as that of the Parent Company (AA0). The applied discount rates as of March 31, 2025, and December 31, 2024, are as follows:

	March 31, 2025	December 31, 2024
Discount rate	3.00% - 3,97%	3.17% - 4.12%

(3) Fair value hierarchy

Items that are measured at fair value are categorized by the fair value hierarchy levels and the defined levels are as follows:

- Quoted prices (unadjusted) in active markets for identical assets or liabilities that the Group can access at the measurement date (Level 1).
- All inputs other than quoted prices included in Level 1 that are observable (either directly, i.e., prices, or indirectly, i.e., derived from prices) for the asset or liability (Level 2).
- Unobservable inputs for the asset or liability (Level 3).

As of March 31, 2025, and December 31, 2024, fair value hierarchy of the financial instruments that are consistently measured and recognized at fair value is as follows (Korean won in millions):

	March 31, 2025				
	Level 1	Level 2	Level 3	Total	
Financial assets/liabilities measured at fair v	value:				
Current derivative financial assets	- W	454 ₩	- W	454	
Non-current derivative financial assets	-	1,728	31,067	32,795	
Non-current derivative financial assets (currency forward)	-	130,226	-	130,226	
Non-current derivative financial assets (currency swap)	-	289,337	-	289,337	
Other non-current financial assets (marketable financial assets)	23,718	-	-	23,718	
Other non-current financial assets (non-marketable financial assets)	-	-	734,973	734,973	
Current derivative financial liabilities	-	683	-	683	
Non-current derivative financial liabilities	-	187	-	187	
Financial assets/liabilities not measured at f	air value:				
Non-current borrowings (excluding lease liabilities)	-	14,770,578	-	14,770,578	

	December 31, 2024						
	Level 1	Level 2	Level 3	Total			
Financial assets/liabilities measured at fair valu	1e:						
Current derivative financial assets W	- W	42 ₩	- W	42			
Non-current derivative financial assets	-	22	31,141	31,163			
Non-current derivative financial assets (currency forward)	-	118,088	-	118,088			
Non-current derivative financial assets (currency swap)	-	252,187	-	252,187			
Other non-current financial assets (marketable financial assets)	26,973	-	-	26,973			
Other non-current financial assets (non-marketable financial assets)	-	-	703,957	703,957			
Current derivative financial liabilities	-	1,159	-	1,159			
Non-current derivative financial liabilities	-	435	-	435			
Financial assets/liabilities not measured at fair	value:						
Non-current borrowings (excluding lease liabilities)	-	13,202,530	-	13,202,530			

4. SIGNIFICANT ACCOUNTING ESTIMATES AND ASSUMPTIONS:

The preparation of interim condensed consolidated financial statements requires the Group to make estimates and assumptions concerning the future. Management also needs to exercise judgment in applying the Group's accounting policies. Estimates and assumptions are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. The resulting accounting estimates may differ from the related actual results.

The significant estimates and assumptions made by management on the application of the Group's interim condensed consolidated financial statements are the same as those of the annual consolidated financial statements as of and for the year ended December 31, 2024. The following are the management's estimates and assumptions for its judgments regarding significant risks that may result in adjustments to the carrying amounts of assets and liabilities in the next fiscal year:

(1) Income taxes

The Group's taxable income generated from these operations is subject to income taxes based on tax laws and interpretations of tax authorities in numerous jurisdictions. There are many transactions and calculations for which the ultimate tax determination is uncertain. If certain portion of the taxable income is not used for investments, increase in wages or dividends, the Group is liable to pay additional income tax calculated based on the tax laws. Accordingly, the measurement of current and deferred income taxes is affected by these tax effects. As the Group's income tax is dependent on the investments, increase in wages and dividends, there is an uncertainty in measuring the final tax effects.

(2) Provisions

The Group recognizes provisions for product warranties as explained in Note 15. These provisions are estimated based on the average warranty period, revenue and historical claim experience rate. Provisions related to voluntary recalls by the Group's customer are estimated based on the number of vehicles subject to recall, estimated total repair cost and cost-sharing ratio.

(3) Fair value of financial instruments

The fair value of financial instruments that are not traded in an active market is determined using valuation techniques. The Group uses its judgment to select a variety of methods and make assumptions that are mainly based on market conditions existing at March 31, 2025 (see Note 3.3).

(4) Impairment of financial assets

The provision for impairment for financial assets is based on assumptions about risk of default and expected loss rates. The Group uses judgment in making these assumptions and selecting the inputs to the impairment calculation based on the Group's past experience and existing market conditions, as well as forward-looking estimates at the end of each reporting period (see Note 3.1.(2)).

(5) Net defined benefit liability (asset)

The present value of net defined benefit liability (asset) depends on a number of factors that are determined on an actuarial basis using a number of assumptions, including the discount rate (see Note 16).

(6) Lease

In determining the lease term, management considers all facts and circumstances that create an economic incentive to exercise an extension option or not exercise a termination option. Periods covered by the extension option (or the termination option) are only included in the lease term if the lease is reasonably certain to be extended (or not terminated).

The lease term is reassessed if an option is actually exercised (or not exercised) or the Group becomes obliged to exercise (or not exercise) it. The assessment of reasonable certainty is only revised if a significant event or a significant change in circumstances occurs, which affects this assessment and that is within the control of the lessee.

5. FINANCIAL INSTRUMENTS BY CATEGORY:

(1) Categorizations of financial instruments are as follows (Korean won in millions):

				Ma	rch 31, 2025		
Financial assets		ancial assets nortized cost	Financial assets at FVPL		inancial assets t FVOCI (*1)	Other financial assets (*2)	Total
Cash and cash equivalents	₩	3,573,556 ¥	V	-₩	-	₩ - ₩	3,573,556
Trade receivables		5,112,210		-	205,044	-	5,317,254
Non-current trade receivables		178,356		-	-	-	178,356
Other receivables		781,850		-	-	-	781,850
Other non-current receivables		114,329		-	-	-	114,329
Other current financial assets		-		-	-	454	454
Other non-current financial assets			1,041,308	3	168,013	1,728	1,211,049
	₩	9,760,301	₩ 1,041,308	<u>3</u> ₩	373,057	₩ 2,182 ₩	11,176,848

	March 31, 2025						
Financial liabilities		ncial liabilities amortized cost	Other financial Liabilities (*3)	Total			
Trade payables	₩	2,830,786 ₩	- ₩	2,830,786			
Other payables		4,304,123	-	4,304,123			
Other non-current payables		16,045	-	16,045			
Current borrowings		3,068,217	78,166	3,146,383			
Non-current borrowings		14,218,442	247,754	14,466,196			
Other current financial liabilities		-	683	683			
Other non-current financial liabilities		1,248,392	187	1,248,579			
	₩	25,686,005 ₩	<u>326,790</u> ₩	26,012,795			

	December 31, 2024							
Financial assets	Financial assets at amortized cost		Financial assets at FVPL	Financial assets at FVOCI (*1)	Other financial assets (*2)	Total		
Cash and cash equivalents	₩	3,898,711	₩ -	₩ -	- W	₩ 3,898,711		
Trade receivables		4,621,452	-	322,567	_	4,944,019		
Non-current trade receivables		392,584	-	-	_	392,584		
Other current receivables		603,635	-	-	_	603,635		
Other non-current receivables		134,450	-	-		134,450		
Other current financial assets		-	-	-	42	42		
Other non-current financial assets		_	968,355	163,991	22	1,132,368		
	₩	9,650,832	968,355	₩ 486,558	₩ 64	<u>₩ 11,105,809</u>		

			December 31, 2	2024
Financial liabilities		ncial liabilities amortized cost	Other financial Liabilities (*3)	Total
Trade payables	₩	2,705,481 ₩	- 1	₹ 2,705,481
Other payables		5,389,848	-	5,389,848
Other non-current payables		22,082	-	22,082
Current borrowings		2,413,086	77,154	2,490,240
Non-current borrowings		12,641,359	258,952	12,900,311
Other current financial liabilities		-	1,159	1,159
Other non-current financial liabilities	. <u> </u>	1,000,200	435	1,000,635
	₩	24,172,056 ₩	337,700	₩ 24,509,756

(*1) At initial recognition, the Group made an irrevocable election to designate investments in equity instruments as at FVOCI. These instruments are held for the strategic purposes, not for short-term trading. In addition, the Group classified trade receivables under the 'hold to collect and sell' business model as financial assets at FVOCI.

(*2) Other financial assets include derivative assets.

(*3) Other financial liabilities include lease liabilities and derivative liabilities.

(2) Net gains (losses) on each category of financial instruments for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Interest income:			
Financial assets at amortized cost	${\mathbb W}$	44,332 ₩	60,255
Financial assets at FVPL		12,979	-
Interest expense:			
Financial liabilities at amortized cost		(177,875)	(126,568)
Other financial liabilities		(4,075)	(1,061)
Financial assets at amortized cost (*)		-	(9)
Gains on valuation or disposal:			
Financial assets at FVPL		1,561	-
Financial assets at FVOCI		(2,684)	907
Derivative instruments		50,078	115,866
Exchange differences:			
Financial assets at amortized cost		(89,293)	157,564
Financial liabilities at amortized cost		140,193	(123,553)
Financial assets at FVPL		(896)	3,939

(*) Fees paid to financial institutions for factoring.

(3) Supplier financing arrangements

Supplier financing arrangements involve one or more financial institutions providing amounts that the Group is obligated to pay to the supplier. The Group then reimburses the financial institutions according to the terms of the arrangement after the supplier has received the payment. These arrangements typically provide the Group with an extended payment term beyond the supplier's payment due date or allow the supplier to receive payment earlier than expected.

As of March 31, 2025, and December 31, 2024, the Company has entered into the following supplier financing arrangements (Korean won in millions):

Classification	Line item		March 31, 2025	December 31, 2024	Index
Purchase card	Accounts payable	₩	425,479 ₩	439,603	(*)

(*) Under the purchase card arrangement, the financial institution acquires the rights to specific receivables of the supplier. Although there is a change in the payment terms due to this arrangement, since the terms of the liability have not materially changed, it was deemed appropriate to continue presenting the amounts related to accounts payable and other liabilities in the financial statement. In the cash flow statement, the Group determined that it is not a party to the cash flows between the financial institution and the supplier, and since the substantive terms of the accounts payable have not changed, it was considered a regular payment for business transactions.

There were no significant business combinations or exchange rate differences affecting the supplier financing liabilities. The supplier financing liabilities are short term, and their carrying amounts are considered to be a reasonable approximation of fair value.

6. CASH AND CASH EQUIVALENTS:

(1) Details of cash and cash equivalents as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Bank deposits and cash on hand	₩	2,195,497 ₩	2,950,257
Cash equivalents		1,378,059	948,454
	\underline{W}	3,573,556 ₩	3,898,711

(2) As of March 31, 2025, cash and cash equivalents include ₩23,224 million, which is subject to a restriction on use and remittance (as of December 31, 2024, ₩1,204,633 million).

7. TRADE AND OTHER RECEIVABLES:

(1) Trade and other receivables and their provisions for impairment as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

	March 31, 2025					December 31, 2024				
		Gross amount	Provision for impairment		Carrying amount		Gross amount		ovision for 1pairment	Carrying amount
Trade receivables	₩	5,317,255	₩ (1)	₩	5,317,254	₩	4,944,020	₩	(1) ₩	4,944,019
Non-current trade receivables		178,356	-		178,356		392,584		-	392,584
Other current receivables		781,850	-		781,850		603,635		-	603,635
Other non-current receivables		114,329			114,329		134,450			134,450
	₩	6,391,790	₩ (1)	₩	6,391,789	₩	6,074,689	₩	(1) ₩	6,074,688

(2) Details of other receivables as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Current:			
Non-trade receivables	\mathbb{W}	581,044 ₩	571,809
Due from financial institutions (*)		140,770	-
Accrued income		13,350	4,529
Loans		88	99
Guarantee deposits provided		46,598	27,198
	. <u></u>	781,850	603,635
Non-current:			
Non-trade receivables		3,049	3,291
Due from financial institutions (*)		66,199	66,231
Loans		11,113	11,433
Guarantee deposits provided		33,968	53,495
		114,329	134,450
	₩	<u>896,179</u> ₩	738,085

(*) As of March 31, 2025, the due from financial institutions (current) is subject to withdrawal restrictions in connection with the loan agreement with the U.S. Department of Energy. Among, the amount due from financial institutions (non-current), W60,000 million is restricted for the agreement on Win-Win Growth Cooperation, W14 million as a guarantee deposit for current account opening, PLN 1 million as a guarantee for the overseas transfer of hazardous waste, and USD 4 million as collateral for LOC issuance.

(3) The aging analysis of trade and other receivables as of March 31, 2025, and December 31, 2024, is as follows (Korean won in millions):

		March 31, 2	2025	December 31, 2024			
		Trade receivables	Other receivables	Trade receivables	Other receivables		
Receivables not past due	₩	5,238,271 ₩	877,759 ₩	5,226,311 ₩	721,072		
Past due, but not impaired:							
Up to three months		235,148	12,133	109,247	13,873		
Between 3–6 months		21,358	3,657	961	598		
Over 6 months		833	2,630	84	2,542		
		257,339	18,420	110,292	17,013		
Impaired receivables		11	<u> </u>	1			
	₩	5,495,611 ₩	896,179 ₩	<u>5,336,604</u> ₩	738,085		

(4) Changes in the provision for impairment of trade and other receivables for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

	2025			2024			
	Trade receivables	Other receivables	r	Trade eceivables	Other receivables		
Beginning	₩	1 ₩	- W	- +	₩	-	
Additions		-	_	13		-	
Write-off		-	-	(12)		-	
Ending	₩	1 ₩	- ₩	1	₩	_	

(5) The fair values of trade receivables and other receivables as of March 31, 2025, and December 31, 2024, are not significantly different from their carrying amounts.

(6) The Group transfers trade receivables along with substantially all the risks and rewards of ownership. Therefore, the amount was derecognized on the discount date. As of March 31, 2025, and December 31, 2024, there is no balance of transferred trade receivables.

8. OTHER FINANCIAL ASSETS AND LIABILITIES:

(1) Details of other financial assets and liabilities as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Other financial assets:			
Financial assets at FVOCI	\mathbb{W}	168,013	₩ 163,991
Cash flow hedge		608	64
Financial assets at FVPL (*)		1,042,882	968,355
	\overline{W}	1,211,503	₩ 1,132,410
Other financial liabilities:			
Cash flow hedge	\mathbb{W}	870 3	₩ 1,594
Other financial liabilities at amortized cost		1,248,392	1,000,200
	\overline{W}	1,249,262	₩ 1,001,794

(*) The financial assets include convertible bonds issued by Liontown Resources Ltd. The key terms of the investment agreement related to these convertible bonds are as follows.

- Date of issuance: July 4, 2024
- Issue amount: USD 250 million

- Conversion terms: The bonds are convertible at the holder's option from six months after the issue date until five days prior to the fifth anniversary of the issue date.

(2) Details of changes in equity securities included in other financial assets for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

		2025	2024
Beginning	₩	163,991 ₩	140,435
Acquisitions/transfer		7,274	16,563
Disposal		(1,205)	-
Valuation gain (before income tax deduction), other comprehensive income item		(2,684)	(251)
Others		637	7,244
Ending	₩	168,013 ₩	163,991

The Group has entered into a put-option contract to secure the investment capital for its equity securities held in Volta Energy Solutions S.a.r.l. The major terms of the agreement are as follows:

- Exercise date: From three years after the acceptance date (initial investment date, January 27, 2021) to the following three years.
- Exercise price: The amount contributed, less any dividends received from the date of contribution up to the exercise date.
- Other term: The option cannot be exercised once Volta Energy Solutions S.a.r.l. is listed.

9. INVENTORIES:

(1) Details of inventories as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		Ν	March 31, 2025		December 31, 2024			
		Gross amount	Valuation allowance	Carrying amount	Gross amount	Valuation allowance	Carrying amount	
Merchandise	₩	208,765 ₩	(34,661) ₩	4 174,104 ₩	207,834 ₩	(35,724) ₩	172,110	
Finished/Semifinished products		2,274,530	(188,033)	2,086,497	2,781,000	(242,822)	2,538,178	
Raw materials		1,341,656	(25,580)	1,316,076	1,322,065	(16,384)	1,305,681	
Supplies		116,099	(14,494)	101,605	109,352	(7,776)	101,576	
Materials in transit		603,788	-	603,788	434,810		434,810	
	₩	<u>4,544,838</u> ₩	(262,768)	4,282,070 ₩	4,855,061 ₩	(302,706) ₩	4,552,355	

(2) The amount of inventories expensed as cost of sales for the three-month periods ended March 31, 2025 and 2024, was ₩5,159,262 million and ₩5,056,811 million, respectively.

10. INVESTMENTS IN ASSOCIATES AND JOINT VENTURES:

(1) Changes in investments in associates and joint ventures for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

						2025					
		Beginning	σ Δ	cquisitions		Dividend		Share of profi of associat and joint vent	es	Endir	<u> </u>
Sama Aluminiu	m Co. Itd		<u>g</u> A ,396 ₩		₩		8)₩	anu joint ven	(445) ₩		4,913
Sama Aluminiu			.831		vv	(-	(6) W		. ,		
Nexpo Co., Ltd Bricks Capital Global Battery	l Management		,031	2,375			-		(98)	(6,108
Fund	1 5	13,	162	262			-		44	13	3,468
		₩ 62,	389 ₩	2,637	₩	(3	8) ₩		(499) ₩	64	4,489
						2024					
	Beginning _A	cquisitions	Dividend .	Share of loss of associates and joint ventures		are of other com <u>of associates an</u> fect of foreign currency translation	<u>d joint v</u> Reclas		Disposals	1	Ending
PT. HLI Green Power (*) Sama Aluminium	₩162,273 ₩	_ 1	₩ -	₩ (42,710)₩	15,209	₩	(37,804)	₩ (96,96	8) ₩	-
Co., Ltd. Nexpo	46,257	-	(150)	(711)	-		-		-	45,396
Co., Ltd. Bricks Capital Management Global Battery	2,186	1,900	-	(255)	-		-		-	3,831
Private Equity	12.042	5 7 ()		(5.110	、						12.1/2
Fund I	<u>12,843</u>	5,761		(5,442	· · · · · · · · · · · · · · · · · · ·	- 15 200	117	(27.90.4)	W (0(0(- <u>_</u>	13,162
	₩223,559 ₩	7.661	₩ (150)	₩ (49,118) ₩	15,209	W	(37,804)	₩ (96,96	8)₩	62,389

(*) During the prior period, the Group reclassified PT. HLI Green Power from a joint venture to a subsidiary due to amendments in the shareholder agreement.

(2) As of March 31, 2025, and December 31, 2024, the processes of adjusting the financial information to the carrying amounts of shares in associates are as follows (Korean won in millions):

	March 31, 2025								
		Net assets	Group's percentage of ownership	val	Net asset ue for shares		nternal actions and Others	Carryin	g amount
Sama Aluminium Co., Ltd	₩	239,375	10.2	₩	24,416	₩	20,497	₩	44,913
Nexpo Co., Ltd. Bricks Capital Management Global Battery Private Equity		32,087	19.0		6,097		11		6,108
Fund		22,589	59.9		13,531		(63)		13,468
	₩	294,051		₩	44,044	₩	20,445	₩	64,489

	December 31, 2024								
		Net assets	Group's percentage of ownership		Net asset ue for shares		nternal actions and Others	Carryin	g amount
Sama Aluminium Co., Ltd	₩	243,665	10.2	₩	24,854	₩	20,542	₩	45,396
Nexpo Co., Ltd. Bricks Capital Management Global Battery Private Equity		20,270	19.0		3,851		(20)		3,831
Fund		22,345	59.9		13,385		(223)		13,162
	₩	286,280		₩	42,090	₩	20,299	₩	62,389

11. PROPERTY, PLANT AND EQUIPMENT:

(1) Changes in property, plant and equipment for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

		2025	2024
Beginning	₩	38,349,552 ₩	23,654,677
Acquisition		2,655,864	14,117,515
Replacement		(179,886)	(469,135)
Disposal		(5,069)	(374,332)
Exchange differences		262,135	3,270,441
Depreciation		(787,584)	(2,849,445)
Business combination		-	1,026,339
Impairment loss		(5,213)	(26,508)
Ending	\overline{W}	40,289,799 ₩	38,349,552

(2) The current-year ending balances of property, plant and equipment include ₩22,389,745 million of construction in progress as of March 31, 2025, and some of it will subsequently be transferred to intangible assets (as of December 31, 2024, was ₩20,350,068 million).

(3) The Group capitalized #16,683 million of borrowing costs in relation to acquisition of property, plant and equipment (for the three-month period ended March 31, 2024, was #25,905 million). The capitalization rate of borrowings used to determine the amount of borrowing costs eligible for capitalization is 4.47% (for the three-month period ended March 31, 2024, was 4.61%).

(4) Line items, including depreciation, in the interim condensed consolidated statements of profit or loss for the threemonth periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Cost of sales	₩	715,482 W	569,106
Selling and administrative expenses		72,102	47,814
	₩	787,584 ₩	616,920

(5) Lease

1) Amounts recognized in the interim condensed consolidated statements of financial position

Details of amounts recognized in the interim condensed consolidated statements of financial position in relation to leases for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Right-of-use assets (*):			
Real estate	\mathbb{W}	319,151 ₩	331,260
Machinery		761	733
Vehicles		16,636	16,369
Tools		3,779	4,068
Equipment		1,104	1,110
	\overline{W}	<u>341,431</u> ₩	353,540

(*) Included in 'Property, plant and equipment' in the interim condensed consolidated statements of financial position.

Additions to the right-of-use assets for the three-month period ended March 31, 2025, are $\forall 12,622$ million (for the three-month period ended March 31, 2024, were $\forall 36,215$ million).

		March 31, 2025	December 31, 2024
Lease liabilities (*):			
Current	\mathbb{W}	78,166 ₩	₩ 77,154
Non-current		247,754	258,952
	\underline{W}	325,920 ₹	₩ 336,106

(*) Included in 'Borrowings' in the interim condensed consolidated statements of financial position.

2) Amounts recognized in the interim condensed consolidated statements of profit or loss

Details of amounts recognized in the interim condensed consolidated statements of profit or loss in relation to lease for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Depreciation of right-of-use assets:			
Real estate	₩	19,658 ₩	14,060
Machinery		116	61
Vehicles		2,581	2,449
Tools		284	285
Equipment		100	62
	₩	<u>22,739</u> ₩	16,917
Interest expense relating to lease liabilities (included in finance cost)	₩	4,075 ₩	1,061
Expense relating to short-term leases (included in cost of goods sold and administrative expenses)		7,655	5,168
Expense relating to leases of low-value assets that are not short-term leases (included in cost of goods sold and administrative expenses)		1,928	1,855

Total cash outflow for leases for the three-month period ended March 31, 2025, is ₩34,263 million (for the three-month period ended March 31, 2024, was ₩22,688 million).

12. INTANGIBLE ASSETS:

(1) Changes in intangible assets for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

		2025	2024	
Beginning	\mathbb{W}	1,284,576 ₩	875,993	
Acquisition		34,912	119,627	
Replacement		192,654	324,681	
Disposal		(1,055)	(10,639)	
Exchange differences		4,874	16,165	
Amortization		(67,175)	(189,739)	
Business combination		-	149,067	
Impairment loss		(90)	(579)	
Ending	₩	1,448,696 ₩	1,284,576	

(2) Line items, including amortization of intangibles, in the interim condensed consolidated statements of profit or loss for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

	2025		2024
Cost of sales	\overline{W}	12,302 ₩	11,055
Selling and administrative expenses		54,873	29,510
	₩	67,175 ₩	40,565

(3) Greenhouse gas emission right

1) The amount of allocated Greenhouse gas emission rights for the domestic third plan period (2021-2025) is as follows (ton in thousands):

	2021	2022	2023	2024	2025
Allocated emission rights	281	332 (*1)	360(*2)	297	297

(*1) An additional 32,000 tons have been allocated due to the expansion of the workplace discharge facility, in addition to the initial free amount of 300,000 tons of allocated greenhouse gas emission rights.

(*2) An additional 60,000 tons have been allocated due to the determination of emissions for 2023.

2) Changes in greenhouse gas emission rights included in other intangible assets for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (tons in thousands and Korean won in millions):

	2025						
	2024		202	25			
	Ton	Amount	Ton	Amount			
Beginning/Allocated	297 4	₩ -	297	- W -			
Purchase/Sale	-	-	-	-			
Borrowing/Carried over	-	-	-				
Government submission							
Ending	297	₩ -	297	₩ -			

	2024						
	2023		2024		2025		
	Ton	Amount	Ton	Amount	Ton	Amount	
Beginning/Allocated	360 ₩	· _	297	- **	297 ₩	₩ -	
Purchase/Sale	7	171	-	-	-	-	
Borrowing/Carried over	-	-	-	-	-	-	
Government submission	(367)	(171)		_		_	
Ending	- ₩		297	₩ -	<u>297 ¥</u>	₩ -	

3) Based on the European Union Emission Trading System, changes in greenhouse gas emission rights (included in other intangible assets) for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (ton in thousands and Korean won in millions):

	2025	2025		
	Ton	Amount	Ton	Amount
Beginning	112 W	11,568	153 ₩	13,809
Increase	18	2,834	74	6,120
Usage		-	(115)	(8,361)
Ending	<u>130</u> ₩	14,402	112 ₩	11,568

13. OTHER CURRENT AND NON-CURRENT ASSETS:

Details of other current and non-current assets as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Current:			
Prepayments and prepaid expenses	₩	280,481 ₩	266,240
Prepaid value-added tax		118,572	204,939
Current costs to fulfill a contract		56,329	110,316
Others		643,715	625,869
	₩	1,099,097 ₩	1,207,364
Non-current:			
Long-term prepayments and prepaid expenses	₩	249,018 ₩	261,919
Net defined benefit assets		124,948	142,766
Costs to fulfill a contract		409,735	218,627
Others		81	78
	\overline{W}	783,782 ₩	623,390

14. BORROWINGS:

(1) Borrowings as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Current:			
Short-term borrowings	₩	1,206,646 ₩	1,291,015
Current portion of long-term borrowings		1,356,929	997,160
Current portion of debentures		504,642	124,911
Current lease liabilities		78,166	77,154
	₩	<u>3,146,383</u> ₩	2,490,240
Non-current:			
Long-term borrowings	₩	5,236,305 W	4,865,830
Debentures		8,982,137	7,775,529
Non-current lease liabilities		247,754	258,952
		14,466,196	12,900,311
	₩	17,612,579 ₩	15,390,551

(2) Details of borrowings as of March 31, 2025, and December 31, 2024, are as follows:

1) Short-term borrowings (Korean won in millions)

			Latest				
	Bank	Interest rate (%)	maturity date		March 31, 2025	December	31, 2024
Bank loans	SMBC and others	3.14-5.32	2026.03.27	₩	1,206,646	₩	1,291,015

			March 31, 2	025		
	Bank	Interest rate (%)	Latest <u>maturity date</u>	Amount	Current portion	Non-current portion
Borrowings in local currencies	Korea Exim Bank	3M Market yield on Supply Chain Resilience Fund + 0.34	2029.07.02	₩ 269,610 ₩	₩ -	₩ 269,610
	ANZ/HSBC/JPM and others	3M SOFR + 0.70	2032.10.25	896,945	-	896,945
	DBS	3M EURIBOR + 0.90 6M EURIBOR + 1.00	2026.05.24	317,884	158,942	158,942
	DOE	3.65-4.55	2031.12.15	2,500,445	234,089	2,266,356
	EBRD	6M EURIBOR + 0.62	2026.10.15	143,048	79,471	63,577
	EIB	3M EURIBOR + 0.47	2027.03.31	339,076	169,538	169,538
	EDC and others	3M SOFR + 1.30	2029.12.20	586,600	-	586,600
Borrowings in foreign	KDB/Exim/ Nonghyup	3M EURIBOR + 0.89–1.04	2027.04.26	1,426,704	697,359	729,345
currencies	KDB/Exim/ Nonghyup and others	3M SOFR + 1.62	2030.12.20	65,416	-	65,416
	SMBC	0.48	2027.02.04	31,788	15,894	15,894
	China China	LPR(1Y) - 0.66	2027.11.19	15,254	1,525	13,729
	Construction Bank	LPR(1Y) - 0.66	2027.12.26	464	111	353

2) Long-term borrowings (Korean won in millions)

<u>₩ 6,593,234</u> <u>₩ 1,356,929</u> <u>₩ 5,236,305</u>

	December 31, 2024								
	Bank	Interest rate (%)	Longest <u>maturity date</u>		Current portion	Non-current portion			
	ANZ/HSBC/JPM and others	3M SOFR + 0.70	2032.10.25	₩ 897,958 ₩	-	₩ 897,958			
	DBS	3M EURIBOR + 0.90 6M EURIBOR + 1.00	2026.05.24	305,374	-	305,374			
	DOE	3.65-4.55	2031.12.15	2,544,236	176,436	2,367,800			
	EBRD	6M EURIBOR + 0.62	2026.10.15	137,418	76,343	61,075			
	EIB	3M EURIBOR + 0.47	2027.03.31	407,166	162,867	244,299			
Borrowings in foreign	KDB/Exim/ Nonghyup KDB/Exim/	3M EURIBOR + 0.89–1.04	2027.04.26	1,458,866	564,942	893,924			
currencies	Nonghyup and others	3M SOFR + 1.62	2030.12.20	65,226	-	65,226			
	SMBC	0.48	2027.02.04	34,355	15,269	19,086			
	China China	LPR(1Y) - 0.30	2027.11.19	11,930	1,193	10,737			
	Construction Bank	LPR(1Y) - 0.66	2027.12.26	461	110	351			
				<u>₩ 5,862,990</u> <u>₩</u>	997,160	₩ 4,865,830			

The Group has entered into loan agreements stipulating that a loss of benefit of term will occur if the agreed ratio under the covenant is not maintained based on the half-year or full fiscal year. As of the end of the current period, the relevant amount is KRW 3.4 trillion, and the covenant ratios have been complied with.

3) Debentures (USD in thousands, EUR in thousands and Korean won in millions)

	March 31, 2025					
	Financial	Interest	Latest		Current	Non-current
	institution	<u>rate (%)</u>	Maturity date	Amount	<u>portion</u>	<u>portion</u>
1 st Debenture	NH Investment &					
(non-guaranteed/public)	Securities Co., Ltd. and others	2.214	2026.03.13	₩ 200,000	₩200,000	₩ -
2-1 st Debenture	KB Securities Co.,	4.097	2025.06.29	125 000	125 000	
(non-guaranteed/public)	Ltd. and others	4.097	2023.00.29	125,000	125,000	-
2-2 nd Debenture	KB Securities Co.,	4.196	2026.06.29	370,000		370,000
(non-guaranteed/public)	Ltd. and others	4.190	2020.00.29	370,000	-	370,000
2-3 rd Debenture	KB Securities Co.,	4.298	2028.06.29	505 000		505 000
(non-guaranteed/public)	Ltd. and others	4.298	2028.06.29	505,000	-	505,000
3-1 st Debenture	KB Securities Co.,	2 000	2026 02 16	100.000	190,000	
(non-guaranteed/public)	Ltd. and others	3.806	2026.02.16	180,000	180,000	-
3-2 nd Debenture	KB Securities Co.,	• • • • •	2025 02 16	(() 0 0 0		6 6 0 0 0 0
(non-guaranteed/public)	Ltd. and others	3.889	2027.02.16	660,000	-	660,000
3-3 rd Debenture	KB Securities Co.,					
(non-guaranteed/public)	Ltd. and others	4.054	2029.02.16	570,000	-	570,000
3-4 th Debenture	KB Securities Co.,					
(non-guaranteed/public)	Ltd. and others	4.202	2031.02.16	190,000	-	190,000
	Korea Investment					
4-1 st Debenture	& Securities Co.,	3.138	2027.02.14	640,000	-	640,000
(non-guaranteed/public)	Ltd. and others	5.150	2027.02.14	040,000		040,000
	Korea Investment					
4-2 nd Debenture	& Securities Co.,	3.228	2028.02.14	590,000		590,000
(non-guaranteed/public)	Ltd. and others	5.220	2020.02.14	570,000	_	570,000
	Korea Investment					
4-3 rd Debenture	& Securities Co.,	3.247	2030.02.14	310,000		310,000
(non-guaranteed/public)	Ltd. and others	5.247	2030.02.14	510,000	_	510,000
	Korea Investment					
4-4 th Debenture	& Securities Co.,	3.406	2032.02.14	60,000		60,000
(non-guaranteed/public)	Ltd. and others	5.400	2032.02.14	00,000	-	00,000
USD foreign currency	Citibank			733,250		
debenture (non-guaranteed)	and others	3.625	2029.04.15	(USD 500,000)	-	733,250
USD foreign currency	Citibank			586,600		
		5.625	2026.09.25	(USD 400,000)	-	586,600
debenture (non-guaranteed)	and others Citibank					
USD foreign currency		5.750	2028.09.25	879,900	-	879,900
debenture (non-guaranteed)	and others			(USD 600,000)		
USD foreign currency	Citibank	5.375	2027.07.02	1,026,550	-	1,026,550
debenture (non-guaranteed)	and others			(USD 700,000)		
USD foreign currency	Citibank	5.375	2029.07.02	1,173,200	-	1,173,200
debenture (non-guaranteed)	and others			(USD 800,000)		
USD foreign currency	Citibank	5.500	2034.07.02	733,250	-	733,250
debenture (non-guaranteed)	and others			(USD 500,000)		
Less: discount on debentures	-	-	=	(45,971)		
				₩ 9,486,779	₩504,642	₩ 8,982,137

LG Energy Solution, Ltd. and its subsidiaries Notes to interim condensed consolidated financial statements As of March 31, 2025, and December 31, 2024, and For the three-month periods ended March 31, 2025 and 2024

	December 31, 2024							
	Financial institution	Interest rate (%)	Longest		Current portion	Non-current portion		
1 st Debenture (non-guaranteed/public)	NH Investment & Securities Co., Ltd. and others	2.214	2026.03.13	₩ 200,000	₩ -	₩ 200,000		
2-1 st Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.097	2025.06.29	125,000	125,000	-		
2-2 nd Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.196	2026.06.29	370,000	-	370,000		
2-3 rd Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.298	2028.06.29	505,000	-	505,000		
3-1 st Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	3.806	2026.02.16	180,000	-	180,000		
3-2 nd Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	3.889	2027.02.16	660,000	-	660,000		
3-3 rd Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.054	2029.02.16	570,000	-	570,000		
3-4 th Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.202	2031.02.16	190,000	-	190,000		
USD foreign currency debenture (non-guaranteed)	Citibank and others	3.625	2029.04.15	735,000 (USD 500,000)	-	735,000		
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.625	2026.09.25	588,000 (USD 400,000)	-	588,000		
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.750	2028.09.25	882,000 (USD 600,000)	-	882,000		
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.375	2027.07.02	1,029,000 (USD 700,000)	-	1,029,000		
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.375	2029.07.02	1,176,000 (USD 800,000)	-	1,176,000		
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.500	2034.07.02	735,000 (USD 500,000)	-	735,000		
Less: discount on debentures	-	-	-	$\frac{(44,560)}{\underline{\mathbb{W}} 7,900,440}$	(89) ₩124,911	·		

The Group has entered into debenture agreements stipulating that a loss of benefit of term will occur if the agreed ratio under the covenant is not maintained based on the reporting for each quarter, half-year or full fiscal year. As of the end of the current period, the relevant amount is W4.4 trillion, and the covenant ratios have been complied with.

4) Lease liabilities (Korean won in millions)

				March 31, 2025		
	Interest rate (%)	Latest maturity date		Amount	Current portion	Non-current portion
Baeksan industry and others	0.67-8.42	2053.11.15	₩	325,920 ₩	78,166 ₩	247,754
				December 31, 2024		N
	Interest rate (%)	Latest maturity date		Amount	Current portion	Non-current portion
Baeksan industry and others	0.67-8.42	2053.11.15	₩	336,106 ₩	77,154 ₩	258,952

15. PROVISIONS:

Changes in provisions for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

	March 31, 2025						
			Greenhouse				
		Warranty(*1)	gas emission(*2)	Other provisions(*3)		Total	
Beginning	₩	1,693,916 ₩	11,168	₩ 118,070	₩	1,823,154	
Provision transfer		189,342	3,198	(101)	1	192,439	
Used		(106,537)	-	-		(106,537)	
Ending		1,776,721	14,366	117,969		1,909,056	
Less: current portion		(877,605)	(14,366)	(111,081)		(1,003,052)	
	₩	899,116 ₩		₩ 6,888	₩	906,004	

	December 31, 2024						
	Greenhouse						
		Warranty(*1)	gas emission(*2)	Other provisions(*3)		Total	
Beginning	₩	1,274,437 ₩	8,966	₩ 102,890	₩	1,386,293	
Business combination		1,807	-	-		1,807	
Provision transfer		1,039,336	10,733	24,357		1,074,426	
Used		(621,664)	(8,531)	(9,177))	(639,372)	
Ending		1,693,916	11,168	118,070		1,823,154	
Less: current portion		(921,985)	(11,168)	(111,315)) ((1,044,468)	
	₩	771,931 ₩		₩ 6,755	₩	778,686	

(*1) Warranty provisions have been accrued for the estimated warranty costs to be incurred due to quality control, exchange and refunds with regard to products based on historical experience. In addition, provisions related to replacement costs due to ESS replacement costs and voluntary automotive battery recalls are included. The amount recognized as a provision shall be the best estimate of the expenditure required to settle the present obligation at the end of the reporting period.

(*2) In relation to greenhouse gas emissions, the Group estimates the expected future costs of emissions exceeding the Group's emission rights for the year and recognizes them as provisions. Estimated emissions are 117 thousand tons for the three-month period ended March 31, 2025 (for the year ended December 31, 2024, were 415 thousand tons).

(*3) The Group estimates the cost of restoring the leased office to its original state and records it as a provision.

16. <u>NET DEFINED BENEFIT LIABILITIES (ASSETS):</u>

(1) Details of net defined benefit liabilities (assets) as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Present value of defined benefit obligations (*1)	₩	679,199	₩ 667,476
Fair value of plan assets		(804,113)	(809,839)
	\mathbb{W}	(124,914)	₩ (142,363)
Net defined benefit liabilities	₩	34	₩ 403
Net defined benefit assets (*2)		(124,948)	(142,766)
	\overline{W}	(124,914)	₩ (142,363)

(*1) The present value of retirement benefit obligations is the amount after deducting contributions to the National Pension Plan of ₩26 million as of March 31, 2025 (as of December 31, 2024, was ₩26 million).

(*2) The ₩124,948 million of plan assets exceeding the defined benefit obligations of the Parent Company is included in other noncurrent assets as of March 31, 2025 (as of December 31, 2024, was ₩142,766 million).

(2) The amounts recognized in the interim condensed consolidated statements of profit or loss for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

	2	025	2024
Current service cost	\mathbb{W}	22,891 ₩	23,567
Net interest cost		(1,463)	(1,813)
	W	21,428 ₩	21,754

(3) Retirement benefits recognized for the defined contribution plan for the three-month period ended March 31, 2025, amounted to ₩1,083 million (the three-month period ended March 31, 2024, was ₩810 million).

(4) Retirement benefits recognized in the interim condensed consolidated statements of profit or loss for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Cost of sales	W	8,308 ₩	10,524
Selling and administrative expenses		14,203	12,040
	₩	22,511 ₩	22,564

(5) Changes in the present value of defined benefit obligations for the three-month period ended March 31, 2025, and for the year ended December 31, 2024, are as follows (Korean won in millions):

		2025	2024
Beginning	₩	667,476 ₩	673,251
Transfer in		362	2,495
Transfer out		(987)	(1,572)
Current service cost		22,891	94,277
Interest expense		6,700	31,080
Remeasurements:			
Actuarial loss from change in financial assumption		-	(69,888)
Actuarial gain from change in demographic assumption		-	1,906
Actuarial gain due to the difference between the estimated and the actua	ıl	-	(3,502)
Others		-	-
Foreign currency conversion difference		-	-
Payments from plans		(17,243)	(60,571)
Ending	₩	679,199 ₩	667,476

(6) Changes in the fair value of plan assets for the three-month period ended March 31, 2025, and for the year ended December 31, 2024, are as follows (Korean won in millions):

		2025	2024
Beginning	\overline{W}	809,839 ₩	829,521
Transfer out		(107)	(760)
Interest income		8,163	38,332
Remeasurements:			
Return on plan assets (excluding amounts included in interest income)		881	(4,941)
Contribution:			
Employer contribution to plan assets		727	706
Payments from plans		(15,016)	(51,404)
Administrative costs		(374)	(1,615)
Ending	₩	804,113 ₩	809,839

(7) The actual return on plan assets for the three-month period ended March 31, 2025, was ₩9,044 million (the three-month period ended March 31, 2024, was ₩8,932 million).

(8) The significant actuarial assumptions as of March 31, 2025, and December 31, 2024, are as follows:

	March 31, 2025	December 31, 2024
Discount rate	4.10%	4.10%
Salary growth rate	3.96%	3.96%

(9) The sensitivity analysis for changes in key actuarial assumptions as of March 31, 2025, is as follows (Korean won in millions):

	Incr	ease by 1.0% Decre	ease by 1.0%
Discount rate:			
(Decrease) increase in defined benefit liabilities	₩	(76,364) ₩	90,953
Salary growth rate:			
Increase (decrease) in defined benefit liabilities		94,074	(80,007)

A decrease in corporate bond yields may lead most significantly to an increase in defined benefit liabilities.

The above sensitivity analyses are based on a change in an assumption, while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated. The sensitivity of the defined benefit obligation to changes in actuarial assumptions is calculated using the projected unit credit method, the same method applied when calculating the defined benefit obligations recognized in the interim condensed consolidated statements of financial position.

The methods and assumptions used for the sensitivity analysis are the same as those of previous period.

(10) Plan assets as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025			December	31, 2024
		Amount	Composition (%)		Amount	Composition (%)
Insurance contracts with guaranteed yield	₩	804,113	100	₩	809,839	100

Plan assets consist of guaranteed debt instruments and others that have no quoted market prices in an active market.

17. OTHER CURRENT AND NON-CURRENT LIABILITIES:

Details of other current and non-current liabilities as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Current:			
Advances received	₩	238,160 ₩	# 98,034
Withholdings		27,142	67,923
Unearned revenues		49,914	44,333
Accrued expenses and others		222,801	197,886
	\overline{W}	<u>538,017</u> ₩	<u>₹ 408,176</u>
Non-current:			
Long-term employee benefits	₩	34,479 ₩	₹ 34,494
Long-term unearned revenues		84,259	97,008
Long-term advances from customers and others		2,345,943	2,390,974
	\underline{W}	2,464,681 ₩	₹ 2,522,476

18. COMMITMENTS AND CONTINGENCIES:

- (1) The Group is jointly liable with LG Chem Ltd. for liabilities recognized before the split-off date.
- (2) As of March 31, 2025, the Group has been guaranteed by the Seoul Guarantee Insurance Company for the execution of contracts and others.
- (3) As of March 31, 2025, the Group has various specific line of credit agreements with several financial institutions as follows (Korean won in millions and foreign currencies in millions):

		March 31, 2025		
	Currency	The Parent Company	Certain subsidiaries	
Limit of letter of credit	USD	12	108	
Limit of letter of credit	CNY	-	859	
Limit of discount of notes from export	USD	998	-	
Limit of guaranteed payments in other foreign currency	USD	375	575	
	CNY	-	560	
Business-to-business purchase arrangements	KRW	125,000	-	
	USD	-	7,159	
Concerci loga concernanta	CNY	-	11,620	
General loan agreements	EUR	-	2,722	
	KRW	600,000	-	
	USD	2,605	622	
Derivatives	EUR	-	210	
	KRW	400,000	30,000	
Factoring arrangements	KRW	150,000	-	

- (4) As of March 31, 2025, the Group has entered into payment guarantee contracts of USD 36 million and EUR 5 million with financial institutions in relation to product warranties for certain installed products. Also, certain subsidiaries have entered into payment guarantee contracts of CNY 24 million with financial institutions in relation to customs clearance of imported raw materials.
- (5) As of March 31, 2025, the Group has entered into an arrangement with General Motors ("GM") regarding joint investment in Ultium Cells Holdings LLC and Ultium Cells LLC, whereby each party can sell its shares to third parties in eight years after the inception of the contract. In addition, if one party defaults, the other party has the right to purchase shares from the other party. In this regard, the Group has completed the government's approval process for the use of core technologies in accordance with the Industrial Technology Protection Act.
- (6) The Group has been sued and related in five class actions by consumers in relation to the sales of mobile batteries and GM Bolt EV, and actions are still in process as of March 31, 2025. The Company has also filed three lawsuit cases (amounted to USD 90 million and W646 million) and been sued in other 44 other cases (amounted to USD 157 million and W1,818 million). The ultimate outcome of these pending cases cannot be determined at the reporting date.

- (7) The Group has entered into a license agreement with LG Corp. to use trademarks on the products that the Group manufactures and sells, and on the services it provides in relation to its business.
- (8) As of March 31, 2025, the Group has entered into a joint venture agreement with Honda, and has committed to invest USD 1,802 million and has contributed USD 1,684 million as of the end of March 31, 2025. Also, the Group has decided to provide a payment guarantee of USD 450 million to the joint venture, determined by its proportionate ownership of the borrowed amount, up to a maximum limit of USD 883 million. In addition, if one party defaults, the other party has the right to purchase shares from the other party.
- (9) As of March 31, 2025, the Group has entered into a joint venture agreement with Stellantis and has committed to invest USD 1,464 million and has contributed USD 1,020 million as of the end of March 31, 2025. In addition, if one party defaults, the other party has the right to purchase shares from the other party. Also, the Group has decided to provide a payment guarantee of USD 686 million to the joint venture, determined by its proportionate ownership of the borrowed amount up to a maximum limit of USD 1,344 million.
- (10) As of March 31, 2025, the Group has entered into a joint venture agreement with HMG Global LLC and has committed to invest USD 1,108 million and has contributed USD 850 million as of the end of March 31, 2025. After the expiration of the contract period, each party can sell its shares to third parties. In addition, if one party defaults, the other party has the right to purchase shares from the other party.
- (11) As of March 31, 2025, the Group has entered into commitment of USD 2,048 million for the construction of a new plant for LG Energy Solution Arizona, Inc.
- (12) The consolidated subsidiaries, LG Energy Solution Michigan Inc. and Ultium Cells LLC, have entered into an asset transfer agreement in March 2025. LG Energy Solution Michigan Inc. acquired assets related to Ultium Cells LLC's third plant for USD 2,138 million. The transaction amount is subject to change based on mutual agreement between the parties, and Ultium Cells LLC will pay a portion of the transaction amount to the non-controlling interests of the consolidated company.
- (13) Capital expenditure arrangements that have not been incurred as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Property, plant and equipment	₩	8,675,479	₩ 9,319,087

(14) Investment commitments as of March 31, 2025, are as follows (Korean won in millions and USD in million):

		Contractual	Total	Remaining
	Currency	amount	investments	amount
BNZ (Beyond Net Zero) Fund	USD	75	51	24
Secondary Battery Growth Fund	KRW	6,700	4,677	-
KBE (Korea Battery ESG) Fund	KRW	75,000	55,980	19,020
BCM Global Battery Fund	KRW	30,000	19,405	10,595
Yonsei Technology Holdings IP Fund	KRW	3,000	2,040	960

19. SHARE CAPITAL:

Changes in share capital and share premium for the three-month period ended March 31, 2025, are as follows (Korean won in millions and shares):

_	Ordinary shar	es	
_	Number of shares	Share capital	Share premium
December 31, 2024	234,000,000 ₩	117,000 ₩	17,589,722
Changes	-	-	-
March 31, 2025	234,000,000 ₩	117,000 ₩	17,589,722

20. <u>RETAINED EARNINGS:</u>

Details of retained earnings as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31	, 2024
Unappropriated retained earnings	₩	1,240,583	₩	1,397,211

21. OPERATING PROFITS:

(1) The major items encompassed in the calculation of operating profits for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Revenue	₩	6,264,995 ₩	6,128,714
Cost of sales		5,252,739	5,204,715
Gross profit		1,012,256	923,999
Other operating income (*)		457,716	188,954
Selling and administrative expenses:			
Wages and salaries	\mathbb{W}	261,314 ₩	227,113
Retirement benefits		14,203	12,040
Employee benefits		64,852	53,790
Travel expenses		14,177	14,437
Water and utilities		24,923	20,703
Rental expenses		10,561	13,324
Commission expenses		188,020	109,950
Depreciation		73,687	49,295
Advertising expenses		6,544	7,608
Freight expenses		34,461	11,714
Training expenses		4,535	7,324
Amortization		54,873	29,510
Sample expenses		1,683	2,247
Development costs		50,254	51,328
Addition of warranty provisions		189,342	201,969
Others		101,870	143,264
		1,095,299	955,616
Operating profits	₩	374,673 ₩	157,337

(*) Under the Advanced Manufacturing Production Tax Credit of the U.S. Inflation Reduction Act, effective January 1, 2023, the tax credit can be received for battery cells/modules produced and sold in the U.S., and the amount above is expected to be received by the Group for the year ended March 31, 2025.

(2) Consolidated revenue of the Group consists of sales of battery-related products and service sales, such as research and development, most of which are recognized at a time in relation to the sales of goods.

22. CLASSIFICATION OF EXPENSES BY NATURE:

Expenses by nature for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Changes in inventories of merchandise, finished goods, semifinished goods and work in process	₩	449,687 ₩	176,991
Raw materials and consumables used		3,012,640	3,196,902
Purchase of merchandise		230,562	265,329
Employee benefit expenses		691,919	715,185
Advertising expenses		7,000	7,958
Freight expenses		38,818	15,077
Commission expenses		388,268	262,916
Depreciation and amortization		856,344	658,966
Rent expenses and usage fee		7,980	12,896
Transfers to provisions for service warranties		189,342	201,969
Other expenses		475,478	646,142
	₩	<u>6,348,038</u> ₩	6,160,331

23. <u>EMPLOYEE BENEFIT EXPENSES:</u>

Details of employee benefit expenses for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Wages and salaries	W	561,651 ₩	582,670
Retirement benefits: Defined benefit plan		21,428	21,754
Retirement benefits: Defined contribution plan		1,083	810
Others		107,757	109,951
	\mathbf{W}	691,919 ₩	715,185

24. FINANCE INCOME AND COSTS:

Details of finance income and costs for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Finance income:			
Interest income (*1)	₩	57,311 ₩	60,255
Exchange differences		163,393	107,930
Gain on derivative instruments		50,377	114,482
Gain on valuation of financial assets at FVPL		1,561	
	₩	272,642 ₩	282,667
Finance costs:			
Interest expense (*2)	\mathbb{W}	165,267 ₩	101,724
Exchange differences		102,199	155,845
Loss on disposal of trade receivables		-	9
Loss on derivative instruments		937	
	$\overline{\mathbb{W}}$	268,403 ₩	257,578

(*1) Details of interest income for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

	2	2025	2024
Cash and cash equivalents and others	W	32,716 ₩	44,499
Financial assets at FVPL		12,979	-
Other loans and receivables		11,616	15,756
	\underline{W}	57,311 ₩	60,255

(*2) Details of interest expense for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Interest on financial institutions	W	79,539 ₩	76,505
Interest on financial lease liabilities		4,075	1,061
Interest on debentures		86,609	48,587
Other interest expenses		11,727	1,476
Capitalized interest for qualifying assets		(16,683)	(25,905)
	₩	165,267 ₩	101,724

25. OTHER NON-OPERATING INCOME:

Details of other non-operating income for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Exchange differences	₩	164,145 ₩	194,914
Others		6,248	9,070
	\overline{W}	170,393 ₩	203,984

26. OTHER NON-OPERATING EXPENSES:

Details of other non-operating expenses for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Exchange differences	₩	175,334 ₩	109,049
Loss on disposal and impairment of property, plant and equipment		3,358	36,456
Loss on disposal and impairment intangible asset		351	75
Donations		233	115
Others		5,024	5,435
	₩	<u>184,300</u> ₩	151,130

27. INCOME TAX EXPENSE:

Income tax expense was recognized based on the best estimate of the weighted-average annual income tax rate for the entire fiscal year.

28. EARNINGS (LOSSES) PER SHARE:

Basic earnings (losses) per share are calculated by dividing the earnings(losses) attributable to ordinary shares of the Parent Company by weighted-average number of shares issued.

Basic earnings (losses) per ordinary share for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

	2025	2024
Losses attributable to ordinary shares of the Parent Company	₩ (145	5,740) ₩ (464)
Weighted-average number of ordinary shares outstanding	234,000	0,000 234,000,000
Basic losses per ordinary share (in Korean won)	₩	<u>(623)</u> ₩ (2)

The Group has not issued any potential ordinary shares. Therefore, basic earnings (losses) per share are identical to diluted earnings (losses) per share.

29. DIVIDEND:

The Group (foreign subsidiary) paid ₩1,131,091 million dividends for the accounting period ended March 31, 2025.

30. RELATED-PARTY TRANSACTIONS:

- (1) As of March 31, 2025, the parent company is LG Chem Ltd. (percentage of ownership: 81.84%), over which LG Corp. exercises a significant influence.
- (2) Details of related parties and others that have sales and other transactions with the Group, or have receivable and payable balances, other than associates and joint ventures (see Note 10) as of March 31, 2025, are as follows:

Related party	Related party's subsidiary (Domestic)	Related party's subsidiary (Overseas)	Details
LG Chem Ltd.	HAENGBOKNURI CO., LTD. and others	LEYOU NEW ENERGY	Subsidiary of LG Chem Ltd.
D&O Co., Ltd.	D&O CM, Ltd. and others.	D&O CM NANJING and others	
LG CNS Co., Ltd.	Biz Tech I Co., Ltd. and others	LG CNS America Inc. and others	Subsidiary of LG Corp.
LG Management Development Institute			
LG Display Co., Ltd.	Nanum nuri Co., Ltd.	LG Display (China) Co., Ltd. and others	
LG Electronics, Inc.	LG Innotek Co., Ltd. and others	LG Electronics Philippines, Inc. and others	
LG Household & Health Care Ltd.	Coca-Cola Beverage Co. and others	LG Household & Health Care Trading(Shanghai) Co., Ltd. and others	LG Enterprise group (*1)
LG Uplus Corp.	LG HelloVision Corp	LG UPLUS FUND I LLC. and others	
HS AD Inc.		GIIR America Inc. and others	
Mintech Co., Ltd. (*2)			

(*1) Although these entities are not included within the scope of related parties under K-IFRS 1024, they belong to a large enterprise group in accordance with the Monopoly Regulation and Fair Trade Act.

(*2) Although the Company holds less than 20% of the shares in the form of redeemable convertible preference shares, it has significant influence, as it holds the right to appoint directors. Meanwhile, the Company classifies it as financial assets at FVPL, taking into account the nature of the shares held and K-IFRS 1109.

(3) Transactions with related parties for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

				2025			
			Purchase and others				
		Sales and others	Purchase of raw materials /merchandises	Acquisition of property, plant and equipment and intangibles	Interest expense		Others
Parent:							
LG Chem Ltd.	₩	1,753 ₩	₩ 343,189	₩ 390	₩	2 ₩	527
Associates:							
Sama Aluminium Co., Ltd.		-	8,174	154		-	-
Mintech Co., Ltd.		-	-	59		-	-
Other related parties:							
LG Corp.		-	-	-		-	9,199
LG Chem (Taiwan), Ltd.		7	-	-		-	-
LG Chem (China) Investment Co., Ltd.		-	-	-		-	25
HAENGBOKNURI CO., LTD.		1	-	-		-	271
LEYOU NEW ENERGY MATERIALS (WUXI) Co., Ltd.		-	219,078	-		-	-
LG HY BCM Co., Ltd.		-	184,722	-		-	-
TECWIN Co., Ltd.		-	-	11,740		-	-
LG Chem Poland Sp. z o.o		-	33,886	-		-	-
LG Management Development Institute		-	-	-		-	8,677
D&O Co., Ltd. and its subsidiaries		22	-	5,325		-	2,206
LG CNS Co., Ltd. and its subsidiaries		7,808	10	114,997		-	55,335
Others		-	-	-		-	287
Others:							
LG Display Co., Ltd. and its subsidiaries		-	-	-		1	-
LG Electronics Inc. and its subsidiaries		35,423	17,740	198,621		-	70,402
Others		7	<u> </u>	73		2	627
	₩	45,021 ₩	₩ 806,799	₩ 331,359	W	5 ₩	147,556

LG Energy Solution, Ltd. and its subsidiaries Notes to interim condensed consolidated financial statements As of March 31, 2025, and December 31, 2024, and For the three-month periods ended March 31, 2025 and 2024

	2024					
	_	nd others				
	Sales and others	Purchase of raw materials /merchandises	Acquisition of property, plant and equipment and intangibles	Interest expense	Others	
Parent:						
LG Chem Ltd.	₩ 2,169	₩ 528,544	₩ - '	₩ 6₩	682	
Associates and joint ventures:						
PT. HLI Green Power	11,615	-	-	-	2,369	
Sama Aluminium Co., Ltd.	-	11,325	-	-	-	
Other related parties:						
LG Corp.	-	-	-	-	10,310	
LG Chem (China) Investment Co., Ltd.	-	-	-	-	91	
LG Chem Europe GmbH	-	-	-	-	8	
LEYOU NEW ENERGY MATERIALS (WUXI) Co., Ltd.	-	299,176	-	-	-	
LG HY BCM Co., Ltd.	-	72,358	-	-	-	
LG Chem Poland Sp. z o.o	-	33,581	-	-	-	
LG Management Development Institute	-	-	-	-	8,322	
D&O Co., Ltd. and its subsidiaries	21	-	5,693	-	1,783	
LG CNS Co., Ltd. and its subsidiaries	2,846	8	144,775	-	40,665	
Others	-	-	140	-	661	
Others:						
LG Display Co., Ltd. and its subsidiaries	-	-	-	2	-	
LG Electronics Inc. and its subsidiaries	54,964	49,345	453,381	-	16,871	
Xi C&A and its subsidiaries	-	2,725	44,655	-	2,701	
S&I Corporation	-	3,027	7,610	-	18,230	
Others	9	-		5	622	
	₩ 71,624	₩ 1,000,089	₩ 656,254	₩ 13 ₩	103,315	

(4) Balances of receivables and payables from related parties as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

			N	March 31, 2025			
	Receivables			Payables			
	Trade receivables	Other receivables	Total	Trade pavables	Lease liabilities	Other payables	Total
Parent:							
LG Chem Ltd.	₩ 569	₩ 43,505 ₩	₩ 44,074 ₩	214,606 ₩	412 ₩	142,639 ₩	357,657
Associates:							
Sama Aluminium Co., Ltd.	-	38	38	6,883	-	22	6,905
Other related parties:							
LG Corp.	-	28,190	28,190	-	-	-	-
LG Chem (Taiwan), Ltd.	-	-	-	-	-	5	5
LG Chem (China) Investment Co., Ltd.	-	-	-	-	-	9	9
HAENGBOKNURI CO., LTD.	-	-	-	-	-	99	99
LEYOU NEW ENERGY MATERIALS(WUXI) Co., Ltd.	-	-	-	161,361	-	-	161,361
LG HY BCM Co., Ltd.	-	-	-	100,077	-	86,154	186,231
TECWIN Co., Ltd.	-	-	-	-	-	12,804	12,804
LG Chem Poland Sp. z o.o.	-	-	-	36,470	-	549	37,019
LG Management Development Institute	-	-	-	-	-	799	799
D&O Co., Ltd. and its subsidiaries	-	-	-	-	-	4,151	4,151
LG CNS Co., Ltd. and its subsidiaries	8,589	-	8,589	-	-	264,961	264,961
Others	-	-	-	-	-	89	89
Others:							
LG Display Co., Ltd. and its subsidiaries	-	-	-	-	16	18	34
LG Electronics Inc. and its subsidiaries (*)	38,807	30,253	69,060	16,595	-	286,221	302,816
Others		559	559		168	2,391	2,559
	₩ 47,965	₩ 102,545	₩ 150,510 ₩	535,992 ₩	596 ₩	800,911 ₩	1,337,499

(*) Provisions for GM Bolt EV recall are not included in the balances of receivables and payables above.

LG Energy Solution, Ltd. and its subsidiaries Notes to interim condensed consolidated financial statements As of March 31, 2025, and December 31, 2024, and For the three-month periods ended March 31, 2025 and 2024

	December 31, 2024						
	Receivables						
	Trade receivables	Other receivables	Total	Trade pavables	Lease liabilities	Other pavables	Total
Parent:			Total	payabres			1000
LG Chem Ltd.	₩ -	₩ 8,644 ₩	8,644 ₩	353,330 ₩	550 ₩	4,111 ₩	357,991
Associates:							
Sama Aluminium Co., Ltd.	-	-	-	8,627	-	22	8,649
Nexpo Co., Ltd.	-	-	-	17	-	-	17
Other related parties:							
LG Corp.	-	22,043	22,043	-	-	-	-
LG Chem (Taiwan), Ltd.	-	-	-	-	-	6	6
LG Chem (China) Investment Co., Ltd.	-	-	-	-	-	37	37
HAENGBOKNURI CO., LTD.	-	-	-	-	-	99	99
LEYOU NEW ENERGY MATERIALS(WUXI) Co., Ltd.	-	4	4	211,239	-	-	211,239
LG HY BCM Co., Ltd.	-	-	-	91,223	-	1,050	92,273
Techwin, Inc	-	-	-	-	-	302	302
LG Chem Poland Sp. z o.o.	-	-	-	37,626	-	-	37,626
LG Management Development Institute	-	-	-	-	-	750	750
D&O Co., Ltd. and its subsidiaries	-	-	-	-	-	4,887	4,887
LG CNS Co., Ltd. and its subsidiaries	5,149	5	5,154	-	-	443,178	443,178
Others	-	-	-	-	-	117	117
Others:							
LG Display Co., Ltd. and its subsidiaries	-	-	-	-	63	18	81
LG Electronics Inc. and its subsidiaries (*)	37,092	2,256	39,348	16,242	-	321,485	337,727
Others		559	559		335	5,191	5,526
	₩ 42,241	₩ 33,511 ₩	75,752 ₩	718,304 ₩	948 ₩	781,253 ₩	1,500,505

(*) Provisions for the GM Bolt EV recall are not included in the balances of receivables and payables above.

(5) Fund transactions with related parties for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

	2025									
	Divid rece	lends ived	Dividends paid	con i	Equity atribution in cash ad others	<u>Loa</u> Loan	n transaction 		Borrowing tr Borrowing	<u>ansactions (*)</u> _Repayment
Parent:										
LG Chem Ltd.	₩	-	₩	- ₩	-	₩	- ₩	- #	₹ -	₩ 135
Associates:										
Sama Aluminium Co., Ltd.		38		-	-		-	-	-	-
Nexpo Co., Ltd.		-		-	2,375		-	-	-	-
Bricks Capital Management Global Battery Private Equity Fund I		-		-	262		-	-	-	-
Others:										
LG DISPLAY AMERICA, INC.		-		-	-		-	-	-	46
LG Household & Health Care					_				_	166
	₩	38	₩	- ₩	2,637	₩	- W	- \	₹	₩ 347

(*) The amounts represent lease liabilities that were recognized or repaid during the current period ended March 31, 2025.

	2024								
	Dividends		contr in	luity ibution cash	Loan	transactions		transaction	
Parent:	received	paid	and	others	Loan	Repayment	Borrowing	Repayme	<u>ent</u>
i arciit.									
LG Chem Ltd.	₩	- W	-₩	- 1	₩	- ₩ ·	$\cdot W$	- W	132
Associates:									
Nexpo Co., Ltd.		-	-	1,900				-	-
Bricks Capital Management Global Battery Private Equity Fund I		-	-	857				-	-
Others:									
LG DISPLAY AMERICA, INC.		-	-	-				-	49
LG Household & Health Care							·		162
	₩	- W	- W	2,757	₩	- W	₩	- W	343

(*) The amounts represent lease liabilities that were recognized or repaid during the previous period ended March 31, 2024.

(6) Compensation for key management of the Group for the three-month periods ended March 31, 2025 and 2024, is as follows (Korean won in millions):

		2025	2024
Short-term employee benefits	₩	21,519 ₩	6,379
Retirement benefits		1,664	2,623
	\overline{W}	23,183 ₩	9,002

Key management includes directors (including non-executive) having duties and responsibilities over planning, operations and controlling of the Group's business activities.

(7) As of March 31, 2025, the payment guarantees provided by the Group for related parties are disclosed in Note 18.

31. INTERIM CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS:

(1) Details of cash generated from operations for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Profit before income tax:	₩	364,506 ₩	222,649
Adjustments for:			
- Depreciation		789,169	618,401
- Amortization		67,175	40,565
- Retirement benefits		21,428	21,754
- Financial income		(280,235)	(320,661)
- Financial costs		294,393	268,666
- Foreign currency conversion differences		-	425
- Loss on valuations of inventories		(39,938)	26,514
- Loss on disposal of property, plant and equipment and intangible assets		3,709	36,461
- Changes in contract assets		17,093	(24,922)
- Contribution to provisions		192,540	205,033
- Other income and expenses		1,231	12,986
- Changes in inventories		392,812	(160,324)
- Changes in trade receivables		(92,527)	632,991
- Changes in other receivables		(1,346)	(304,505)
- Changes in other current assets		(162,278)	(247,273)
- Changes in trade payables		87,749	(50,388)
- Changes in other payables		(505,509)	(111,354)
- Changes in other current liabilities		155,696	51,499
- Changes in provisions		(106,537)	(178,812)
- Changes in net defined benefit liabilities		(3,098)	(117)
- Other cash flows from operations		251,641	(30,338)
Cash generated from operations	₩	1,447,674 ₩	709,250

Debentures

(2) Changes in liabilities from financing activities for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	
	Cash flows from financing Beginning activities	Reclassification of Lease current portion Amortization liabilities	Others Ending
Short-term borrowings	₩ 2,365,329 ₩ (405,312)		₩ 371,846 ₩ 2,641,741
Long-term borrowings	5,124,782 855,161	(309,878) - 9,623	(195,629) 5,484,059
Debentures	7,900,440 1,595,365	- 3,101 -	(12,127) 9,486,779
	₩ 15,390,551 ₩ 2,045,214	<u>₩ - ₩ 3,101</u> <u>₩ 9,623</u>	₩ 164,090 ₩ 17,612,579
		2024	
	Cash flows from financing	Reclassification of Lease	
	Beginning activities	current portion Amortization liabilities	Others Ending
Short-term borrowings	₩ 2,567,561 ₩ (245,395) ₩ 355,037 ₩ - ₩ -	₩ (63,890) ₩ 2,613,313
Long-term borrowings	4,604,543 237,778	(355,037) - 30,247	255,537 4,773,068

(3) Significant non-cash transactions for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

-

<u>₩ 10,932,288</u> <u>₩ 1,587,759</u> <u>₩</u> - <u>₩ 1,507</u> <u>₩ 30,247</u> <u>₩ 305,809</u> <u>₩ 12,857,610</u>

3,760,184 1,595,376

1,507 - 114,162 5,471,229

		2025	2024
Reclassification of construction in progress	₩	617,291 ₩	2,752,610
Reclassification of machinery in transit		6,902	5,953
Reclassification of debentures into current portion		379,731	-
Changes in other payables related to acquisition of property, plant and equipment and intangible assets		(923,948)	(636,015)
Changes in non-trade receivables related to disposal of property, plant and equipment and intangible assets		(9,665)	(106)
Changes in other non-current financial liabilities related to acquisitions of property, plant and equipment		248,192	143,588

32. SEGMENT INFORMATION:

(1) General information about the Group's reportable segments is as follows:

Segment	Major products and services
LG Energy solution (*)	Automotive batteries, mobile batteries, ESS batteries and others

(*) The Group has determined the reporting segment as a single reporting segment based on the performance evaluation unit reported to the board of directors, who are the chief operating decision makers.

(2) Segment information on revenue and profit for the three-month periods ended March 31, 2025 and 2024, is as follows (Korean won in millions):

		2025	2024
Total segment revenue	₩	6,264,995 ₩	6,128,714
Revenue from external customers (*1)		6,264,995	6,128,714
Other operation income (*2)		457,716	188,954
Operating profit of reportable segment (*3)		374,673	157,337

(*1) Revenue from external customers consists of sales of goods. Interest income and dividend income are included in finance income.

(*2) Under the Advanced Manufacturing Production Tax Credit of the U.S. Inflation Reduction Act, effective January 1, 2023, a tax credit can be received for battery cells/modules produced and sold in the U.S., and the amount is revenue expected to be received by the Group for the three-month period ended March 31, 2025.

(*3) Management assesses the performance of the operating segments based on a measurement of the operating profit of each segment.

(3) Segment information on assets and liabilities as of March 31, 2025, and December 31, 2024, is as follows (Korean won in millions):

	March 31, 2025			December 31, 2024				
	Investments in			Investments in				
	Assets	associates	Liabilities	Assets	associates	Liabilities		
Reportable segment assets \mathbb{W} and liabilities	62,298,978	₩ 64,489 ₩	₹ 31,028,433 ₩	60,306,791	₩ 62,389	₩ 29,340,248		

(4) Sales for the three-month periods ended March 31, 2025 and 2024, and non-current assets as of March 31, 2025, and December 31, 2024, by geographical segments, are as follows (Korean won in millions):

		Sales		Non-current assets (*1)			
		2025	2024	March 31, 2025	December 31, 2024		
Korea (*2)	₩	631,733 ₩	265,416	₩ 5,301,261	₩ 5,204,504		
China		1,183,545	1,614,572	3,811,359	3,972,006		
Asia/Oceania		293,623	258,901	1,210,504	1,238,630		
America		2,371,948	2,153,965	26,643,311	24,579,109		
Europe		1,784,146	1,835,860	5,000,247	4,865,813		
	₩	<u>6,264,995</u> ₩	6,128,714	₩ 41,966,682	₩ 39,860,062		

(*1) Represents the aggregate amount of property, plant and equipment; intangible assets; and investment properties.

(*2) Domestic sales include exports made through local letters of credit.

(5) For the three-month period ended March 31, 2025, revenues from external customers who account for 10% or more of the Group's revenue amounted to ₩1,286,967 million, ₩1,136,360 million and ₩1,107,701 million, respectively (the three-month period ended March 31, 2024, were ₩1,467,480 million, ₩1,484,625 million and ₩619,685 million).

33. ASSETS AND LIABILITIES RELATED TO CONTRACTS WITH CUSTOMERS:

(1) Assets and liabilities related to contracts with customers as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Contract assets:			
Due from customers	₩	<u>59,909</u> <u></u> ∀	₩ 77,237
	₩	<u>59,909</u> ₹	₩ 77,237
Contract liabilities:			
Advances from customers received as part of the Group's main			
business activities	₩	2,258,229 ₩	₹ 2,046,780
Expected customer incentives		128	1,535
Unearned revenue		29,446	32,099
Due to customers		38,182	7,377
	₩	<u>2,325,985</u> ₩	₹ 2,087,791

(2) Revenue recognized in relation to contract liabilities

Revenues recognized from the carried-forward contract liabilities for the three-month periods ended March 31, 2025 and 2024, are as follows (Korean won in millions):

		2025	2024
Revenue recognized in the current period from the beginning contract liabilities	:		
Revenues in relation to advances from customers received as part of the Group's main business activities	₩	32,793 ₩	11,910
Unearned revenue		3,941	10,682
Due to customers		510	342
	₩	37,244 ₩	22,934

(3) For the three-month period ended March 31, 2025, changes in estimates related to the total contract price and total contract costs for contracts that existed as of December 31, 2024, and that recognize revenue over time using the cost-to-cost method, along with their impact on profit or loss for the current and future periods and on contract assets (liabilities), are as follows (Korean won in millions):

Changes in <u>total contr</u>		Changes in estimated total contract costs	Impact on current period profit or loss	Impact on futu period profit or		hanges in contract Issets (liabilities)
₩	4,503 ₩	2,713	₩ 2,681	\overline{W}	(891) ₩	2,681

(4) Costs to fulfill contracts as of March 31, 2025 and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Costs to fulfill contracts	₩	466,064	₩ 328,943

Costs to fulfill contracts represent preparation costs related to contracts with customers and are recognized as cost of sales when the Group satisfies its performance obligations. The costs to fulfill contracts recognized as cost of sales during the three-month period ended March 31, 2025, amounted to W15,950 million (for the three-month period ended March 31, 2024, was W7,312 million).

34. INVESTMENT PROPERTIES:

(1) Details of investment properties as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

	March 31, 2025				December 31, 2024				
	Ac	quisition	Accumulated	Accumulated		Acquisition	Accumulated	Accumulated	
		cost	depreciation	impairment	Book value	cost	depreciation	impairment	Book value
Buildings	₩	312,843	₩ (83,257)	₩ (1,625)	₩ 227,961	₩ 309,064	4 ₩ (81,729)	₩ (1,628)	₩ 225,707
Land		274	(13)	(35)	226	274	4 (12)	(35)	227
	₩	313,117	₩ (83,270)	₩ (1,660)	₩ 228,187	₩ 309,338	<u>8 ₩ (81,741)</u>	₩ (1,663)	₩ 225,934

(2) Changes in investment properties for the three-month period ended March 31, 2025, and the year ended December 31, 2024, are as follows (Korean won in millions):

	2025			2024			
		Land	Building	Land	Building		
Beginning	₩	227 ₩	225,707 ₩	240 ₩	212,249		
Acquisition/Transfer		-	4,018	-	28,053		
Disposal/Transfer		-	(180)	(9)	(7,999)		
Depreciation		(1)	(1,584)	(4)	(6,596)		
Ending	₩	<u>226</u> ₩	227,961 ₩	<u>227</u> ₩	225,707		

(3) The fair value of investment properties is measured either by independent professional appraisers with certified qualifications or measured based on official appraised value of land and available information from recent transactions of similar properties, and it is classified as 'Level 3' of the fair value hierarchy. The fair value of investment properties as of March 31, 2025, is W240,825 million (as of December 31, 2024, was W241,006 million).

Rental income from investment properties under operating lease for the year ended March 31, 2025, is \forall 1,928 million, and operating expenses incurred for investment properties that generated rental income (including maintenance and repair expenses) for the three-month period ended March 31, 2025, are \forall 1,585 million.

(4) Operating lease

Investment properties are leased to tenants under operating leases with monthly rent payments. Where considered necessary to reduce credit risk, the Group may obtain bank guarantees for the term of the lease.

Although the Group is exposed to changes in the residual value at the end of the current leases, it typically enters new operating leases and, therefore, will not immediately realize any reduction in residual value at the end of these leases. Expectations about future residual values are reflected in the fair value of investment properties.

The future minimum lease payments expected to be received in relation to the above operating lease agreement for investment properties as of March 31, 2025, and December 31, 2024, are as follows (Korean won in millions):

		March 31, 2025	December 31, 2024
Less than one year	₩	6,724	₩ 7,652
Between one year and two years		1,398	2,293
Between two years and five years		127	172
	\underline{W}	8,249	₩ 10,117

35. BUSINESS COMBINATION:

As of August 1, 2024, due to amendments to the shareholder agreement of PT. HLI Green Power, the Group holds the majority of voting rights in the decision-making process of the entity and has the ability to affect the variable returns by engaging in the entity's production and cost management. As a result, the Group reclassified PT. HLI Green Power from joint venture to a subsidiary.

1) As of the acquisition in the prior year, the consideration transferred to PT. HLI Green Power and the fair values of the identifiable assets acquired and liabilities assumed were as follows (Korean won in millions):

		Amount
Consideration transferred:		
Fair value of the equity interest held prior to the business combination	₩	191,187
Accumulated amount of acquired assets and assumed liabilities:		
Cash and cash equivalents		59,825
Trade receivables and other receivables		118,338
Inventories		144,834
Property, plant and equipment		1,026,339
Intangible assets		149,067
Other assets		44,615
Trade payables and other payables		(293,584)
Other liabilities		(846,472)
Identifiable net assets		402,962
Non-controlling interest:		201,481
Goodwill (gain on bargain purchase):		(10,294)

2) In the prior year, the remeasurement of the equity interests held prior to the business combination at fair value resulted in a disposal gain of \$94,218 million, which is included in other non-operating income and expenses in the consolidated statements of comprehensive income.

36. EVENT AFTER THE REPORTING PERIOD:

The Group resolved to issue unsecured USD bonds at the Management Committee held on February 28, 2025. The Group issued bonds worth USD 2,000 million on April 2, 2025.

1st Debenture: USD 400 million (maturity date: April 2, 2028)
2nd Debenture: USD 900 million (maturity date: April 2, 2030)
Global Green Bond: USD 700 million (maturity date: April 2, 2035)