# LG ENERGY SOLUTION, LTD.

Interim Condensed Separate Financial Statements As of September 30, 2024, and December 31, 2023, and For the Three-Month and Nine-Month Periods Ended September 30, 2024 and 2023

(With the Independent Auditor's Review Report Thereon)



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#### Report on Review of Interim Condensed Separate Financial Statements

English Translation of Independent Auditor's Review Report Originally Issued in Korean on November 8, 2024

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

#### Reviewed financial statements

We have reviewed the accompanying interim condensed separate financial statements of LG Energy Solution, Ltd. (the "Company"). These interim condensed separate financial statements consist of the interim condensed separate statement of financial position as of September 30, 2024, and the related interim condensed separate statements of profit or loss, interim condensed separate statements of comprehensive income for the three-month and nine-month periods ended September 30, 2024 and 2023; and the interim condensed separate statements of changes in equity and interim condensed separate statements of cash flows, all expressed in Korean won, for the nine-month periods ended September 30, 2024 and 2023; and a summary of material accounting policies and other explanatory information.

# Management's responsibility for the interim condensed separate financial statements

Management is responsible for the preparation and presentation of these interim condensed separate 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 separate 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 separate 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 separate financial statements are not prepared, in all material respects, in accordance with K-IFRS 1034 *Interim Financial Reporting*.

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# **Deloitte.**

#### Other matters

We have audited the separate statement of financial position as of December 31, 2023, and the related separate statement of profit or loss, separate statement of comprehensive income, separate statement of changes in equity and separate statement of cash flows for the year then ended in accordance with KSAs. We expressed an unqualified opinion on those separate financial statements, not presented herein, in our audit report dated March 7, 2024.

The accompanying separate statement of financial position as of December 31, 2023, presented for comparative purposes, is not different, in all material respects, from the above audited separate statement of financial position.

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November 8, 2024

This review report is effective as of November 8, 2024, 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 separate financial statements and may result in modifications to this review report.

# LG ENERGY SOLUTION, LTD. (the "Company")

Interim condensed separate financial statements as of September 30, 2024, and December 31, 2023, and for the three-month and nine-month periods ended September 30, 2024 and 2023

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

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

LG Energy Solution, Ltd. Interim condensed separate statements of financial position As of September 30, 2024, and December 31, 2023

(Korean won in millions)	1, 2020			
(Kolean won in mimons)	Notes		September 30, 2024	December 31, 2023
Assets				
Current assets				
Cash and cash equivalents	3,5,6	₩	2,106,045 ₩	₹ 1,855,224
Trade receivables	3,5,7,29		2,022,328	2,289,892
Other receivables	3,5,7,29		615,960	1,173,761
Prepaid income taxes			6,929	15,132
Other current financial assets	3,5,8		91,600	65,400
Other current assets	13		126,217	118,776
Inventories	9		1,660,077	1,265,558
			6,629,156	6,783,743
Non-current assets				
Trade receivables	3,5,7		131,959	127,946
Other receivables	3,5,7,29		142,275	153,173
Other non-current financial assets	3,5,8		654,962	287,187
Investments in subsidiaries	10		13,009,929	9,847,300
Investments in associates and joint ventures	10		69,993	271,463
Deferred tax assets	27		2,062,251	1,598,516
Property, plant and equipment	11		3,792,091	3,383,740
Intangible assets	12		794,847	712,217
Investment properties	32		198,796	212,650
Other non-current assets	13,16		100,272	168,004
	,		20,957,375	16,762,196
Total assets		₩	27,586,531 ₩	
Liabilities		-	, ,	· · · · ·
Current liabilities				
Trade payables	3,5,29	₩	1,148,809 ₩	₹ 1,097,287
Other payables	3,5,29		689,911	983,134
Borrowings	3,5,11,14,30		818,912	670,418
Other current financial liabilities	3,5,8		46,534	58,440
Current provisions	15		596,058	374,710
Other current liabilities	17,31		544,944	326,930
	- 7,0 -		3,845,168	3,510,919
Non-current liabilities			3,043,100	-,,,,
Other payables	3,5,29		2,329	3,368
Borrowings	3,5,11,14,30		7,287,770	3,149,383
Other non-current financial liabilities	3,5,8		137,907	68,368
Non-current provisions	15		170,301	152,295
Other non-current liabilities	17,31		51,094	60,112
	17,01		7,649,401	3,433,526
Total liabilities			11,494,569	6,944,445
Equity			11,171,507	0,5 11,115
Share capital	19		117,000	117,000
Capital surplus	19		17,589,722	17,589,722
Accumulated other comprehensive loss	1)		(56,099)	(53,516)
Accumulated deficit	20		(1,558,661)	(1,051,712)
Total equity	20		16,091,962	16,601,494
Total liabilities and equity		₩	27,586,531	
Total natinites and equity		Y Y	<u> </u>	. 23,273,737

LG Energy Solution, Ltd.

Interim condensed separate statements of profit or loss

For the three-month and nine-month periods ended September 30, 2024 and 2023

(Korean won in millions)

		<b>September 30, 2024</b>		September 3	0, 2023	
	Notes	Thr	ee months	Nine months	Three months	Nine months
Revenue	21,29,31	₩	2,097,344 ₩	5,659,865	₩ 2,898,355 ₩	₹ 9,227,208
Cost of sales	21,22,29		1,804,725	4,740,821	2,244,296	7,532,957
Gross profit			292,619	919,044	654,059	1,694,251
Selling and administrative expenses	21,22,23,29		1,014,155	2,538,942	706,390	1,993,348
Operating loss	21		(721,536)	(1,619,898)	(52,331)	(299,097)
Finance income	5,24,29		85,327	457,260	92,611	503,207
Finance costs	5,24,29		115,095	496,675	140,897	473,375
Other non-operating income	25		279,739	1,059,127	130,663	705,092
Other non-operating expenses	26		81,297	209,749	116,443	329,040
Profit (loss) before income tax expense (benefit)			(552,862)	(809,935)	(86,397)	106,787
Income tax expense (benefit)	27		(297,817)	(304,393)	512	37,439
Profit (loss) for the period		₩	(255,045) ₩	(505,542)	₩ (86,909) ₩	₹ 69,348
Earnings (losses) per share attributable to the equity holders of	28					
the parent company (in Korean won) Basic earnings (losses) per share		₩	(1,089) ₩	(2,160)	₩ (372) ₩	₹ 296

LG Energy Solution, Ltd. Interim condensed separate statements of comprehensive income For the three-month and nine-month periods ended September 30, 2024 and 2023

(Korean won in millions)

,		<b>September 30, 2024</b>		September 30, 2023	
	Note	Three months	Nine months	Three months	Nine months
Profit (loss) for the period		₩ (255,045)	₩ (505,542)	₩ (86,909)	₩ 69,348
Other comprehensive income (loss):					
Items that will not be subsequently reclassified to profit or loss:					
Remeasurements of net defined benefit liabilities	16	(968)	(1,824)	1,676	3,367
Loss on valuation of financial assets at fair value through other comprehensive income ("FVOCI")	5	(6,356)	(4,706)	(11,198)	(5,560)
Income tax effect of other comprehensive income		1,677	1,494	2,514	580
		(5,647)	(5,036)	(7,008)	(1,613)
Items that may be subsequently reclassified to profit or loss:					
Gain (loss) on cash flow hedge	5	119	1,356	(307)	(910)
Income tax effect of other comprehensive income		(27)	(310)	81	240
		92	1,046	(226)	(670)
Other comprehensive loss for the period, net of tax		(5,555)	(3,990)	(7,234)	(2,283)
Total comprehensive income (loss) for the period, net of tax		₩ (260,600)	₩ (509,532)	₩ (94,143)	₩ 67,065

LG Energy Solution, Ltd.

Interim condensed separate statements of changes in equity For the nine-month periods ended September 30, 2024 and 2023

(Korean won in millions)

					Accumulated			
		S	Share	Capital	other comprehensive	Retained earnings	E	-
	Note	<u>ස</u>	capital	surplus	income (loss)	(accumulated deficit)		Iotal
As of January 1, 2023		*	117,000	17,589,722 W	46,640 W	W (958,790) W		16,794,572
Total comprehensive income for the period:								
Profit for the period			ı	ı	•	69,348	48	69,348
Remeasurements of net defined benefit liabilities	16		ı	ı	•	2,478	78	2,478
Gain on valuation of financial assets at FVOCI			ı	ı	(4,091)		1	(4,091)
Loss on cash flow hedge	5		11	1	(670)			(029)
Total comprehensive income (loss) for the period			ı	ı	(4,761)	71,826	26	67,065
As of September 30, 2023		A	$117,000 \overline{W}$	17,589,722 W	41,879 W	W (886,964) W		16,861,637
As of January 1, 2024		A	$117,000 \ W$	17,589,722 W	(53,516) W	W (1,051,712) $W$		16,601,494
Total comprehensive loss for the period:								
Loss for the period			ı	ı	1	(505,542)	(2)	(505,542)
Remeasurements of net defined benefit liabilities	16		ı	ı	1	(1,407)	(7)	(1,407)
Gain on valuation of financial assets at FVOCI			ı	ı	(3,629)		1	(3,629)
Gain on cash flow hedge	5			 	1,046			1,046
Total comprehensive loss for the period			ı	ı	(2,583)	(506,949)	(61	(509,532)
As of September 30, 2024		A	117,000 ₩	17,589,722 W	(56,099) W	W (1,558,661) W		16,091,962

The accompanying notes are an integral part of the interim condensed separate financial statements.

LG Energy Solution, Ltd. Interim condensed separate statements of cash flows For the nine-month periods ended September 30, 2024 and 2023

(Korean won in millions)			
	Note	<u>September 30, 2024</u>	<b>September 30, 2023</b>
Cash flows from operating activities:			
Cash generated from operations	30	₩ (163,099)	· · · · · · · · · · · · · · · · · · ·
Interest received		54,777	95,581
Interest paid		(154,245)	(40,927)
Dividends received		808,660	329,775
Income tax paid		(158,024)	(81,853)
Net cash provided by (used in) operating activities		388,069	(172,290)
Cash flows from investing activities:			
Cash inflow from investing activities:			
Decrease in other receivables		5,000	13,866
Decrease in other non-current receivables		3,261	3,580
Proceeds from disposal of financial instruments		2,751	-
Proceeds from disposal of property, plant and equipment		2,668	66,213
Proceeds from disposal of intangible assets		2,353	3 1,271
		16,033	84,930
Cash outflow for investing activities:			
Increase in other non-current receivables		(8,549)	(11,574)
Acquisition of investments in subsidiaries		(2,953,496)	(2,257,823)
Acquisition of investments in associates		(7,661)	(48,950)
Acquisition of financial instruments		(365,883)	(88,315)
Acquisition of property, plant and equipment		(1,052,094)	(1,124,449)
Acquisition of intangible assets		(82,355)	(64,403)
Other cash outflow for investing activities		(2,777)	(4,431)
		(4,472,815)	(3,599,945)
Net cash used in investing activities		(4,456,782)	(3,515,015)
Cash flows from financing activities:			
Cash inflow from financing activity:			
Increase in borrowings	30	4,330,054	2,325,688
		4,330,054	2,325,688
Cash outflow for financing activity:			
Repayment of borrowings	30	(23,590)	
		(23,590)	(741,184)
Net cash provided by financing activities		4,306,464	1,584,504
Net increase (decrease) in cash and cash equivalents		237,751	(2,102,801)
Cash and cash equivalents at beginning of the period		1,855,224	4,828,152
Effects of exchange rate changes on cash and cash equivalents		13,070	(3,880)
Cash and cash equivalents at end of the period		₩ 2,106,045	<u>₩</u> 2,721,471

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

## 1. GENERAL:

General information about LG Energy Solution, Ltd. is as follows:

#### 1.1 Company Information

LG Energy Solution, Ltd. (the "Company"), a split-off of LG Chem, Ltd.'s battery division, was incorporated on December 1, 2020.

As of September 30, 2024, the Company is engaged in the battery industry with its manufacturing facilities located in Ochang.

The Company's shares have been listed on the Korea Exchange since January 27, 2022, and the share capital is \W117,000 million as of September 30, 2024. 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 September 30, 2024.

#### 1.2 Business Overview

The Company is engaged in providing energy solution services.

The Company manufactures and supplies batteries ranging from IT (Information Technology) and new application batteries for mobile phones and laptops to automotive batteries for electric vehicles and ESS (Energy Storage System) 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.

# 2. BASIS OF PREPARATION AND MATERIAL ACCOUNTING POLICIES:

#### 2.1 Basis of Preparation

The Company's interim condensed separate financial statements were prepared in accordance with Korean International Financial Reporting Standards ("K-IFRS") 1034 *Interim Financial Reporting* as part of the period covered by the Company's K-IFRSs' annual separate financial statements, and these are separate financial statements prepared in accordance with K-IFRS 1027 *Separate Financial Statements*. In order to be understood, these interim condensed separate financial statements should be read in conjunction with the annual separate financial statements as of and for the fiscal year ended December 31, 2023, 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, 2023, except for the impacts related to the adoption of the standards or interpretations described below.

LG Energy Solution, Ltd.

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

- 1) New and amended K-IFRSs and new interpretations that are effective for the current period
- K-IFRS 1001 Presentation of Financial Statements Classification of Liabilities as Current or Non-Current (Amendment)

The amendment clarifies that the classification of liabilities as current or non-current is based on rights that are in existence at the end of the reporting period; specify that classification is unaffected by expectations about whether an entity will exercise its right to defer settlement of a liability; and introduce a definition of 'settlement' to make clear that settlement refers to the transfer to the counterparty of cash, equity instruments, other assets or services.

- K-IFRS 1001 Presentation of Financial Statements - Non-Current Liabilities with Covenants (Amendment)

The amendment specifies that only covenants that an entity is required to comply with on or before the end of the reporting period affect the entity's right to defer settlement of a liability for at least 12 months after the reporting date. Such covenants affect whether the right exists at the end of the reporting period, even if compliance with the covenant is assessed only after the reporting date.

The amendment also specifies that the right to defer settlement of a liability for at least 12 months after the reporting date is not affected if an entity only has to comply with a covenant after the reporting period. However, if the entity's right to defer settlement of a liability is subject to the entity complying with covenants within 12 months after the reporting period, an entity discloses information that enables users of financial statements to understand the risk of the liabilities becoming repayable within 12 months after the reporting period. This would include information about the covenants (including the nature of the covenants and when the entity is required to comply with them), the carrying amount of related liabilities and facts and circumstances, if any, that indicate that the entity may have difficulties complying with the covenants.

- K-IFRS 1007 Statement of Cash Flows and K-IFRS 1107 Financial Instruments: Disclosures - Supplier Finance Arrangements (Amendment)

The amendment adds a disclosure objective to K-IFRS 1007 stating that an entity is required to disclose information about its supplier finance arrangements that enable users of financial statements to assess the effects of those arrangements on the entity's liabilities and cash flows. In addition, K-IFRS 1107 was amended to add supplier finance arrangements as an example within the requirements to disclose information about an entity's exposure to concentration of liquidity risk.

The term 'supplier finance arrangements' is not defined. Instead, the amendment describes the characteristics of an arrangement for which an entity would be required to provide the information.

To meet the disclosure objective, an entity will be required to disclose in aggregate for its supplier finance arrangements.

- The terms and conditions of commitment
- The carrying amount and associated line items presented in the entity's statement of financial position of the liabilities that are part of the arrangements
- The carrying amount and associated line items for which the suppliers have already received payment from the finance providers
- Ranges of payment due dates for both the financial liabilities that are part of a supplier finance arrangement and comparable trade payables that are not part of a supplier finance arrangement
- Liquidity risk information
- K-IFRS 1116 Leases Lease Liability in a Sale and Leaseback (Amendment)

The amendment to K-IFRS 1116 adds subsequent measurement requirements for sale and leaseback transactions that satisfy the requirements in K-IFRS 1115 to be accounted for as a sale. The amendment requires the seller-lessee to determine 'lease payments' or 'revised lease payments' such that the seller-lessee does not recognize a gain or loss that relates to the right of use retained by the seller-lessee after the commencement date.

LG Energy Solution, Ltd.

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

- 2) New and revised K-IFRSs in issue, but not yet effective
- K-IFRS 1021 Effects of Changes in Foreign Exchange Rates and K-IFRS 1101 First-Time Adoption of Korean International Financial Reporting Standards Lack of Exchangeability (Amendment)

The amendment defines situations where a currency is exchangeable into another currency for accounting purposes and specifies the assessment of the exchangeability between two currencies, estimation for spot exchange rates when exchangeability is lacking and disclosure requirements.

If exchange with another currency is not possible, the spot exchange rate must be estimated at the measurement date and observable exchange rates without adjustments or other estimation techniques should be used.

This amendment is effective for annual reporting periods beginning on or after January 1, 2025. Earlier application is permitted.

The Company does not anticipate that the application of the amendment will have a significant impact on its separate financial statements.

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

#### 3. FINANCIAL RISK MANAGEMENT:

#### 3.1 Financial Risk Factors

The Company's activities expose it to a variety of financial risks: market, credit and liquidity. The Company'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 Company. The Company uses derivative financial instruments to hedge certain risk exposures.

Risk management is carried out by the Company'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 Company'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 Company 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 for each division of the Company to manage its foreign exchange risk against its functional currency. The Company manages maximum loss for currency risk exposures within acceptable range by using currency risk management model and employs who are exclusively responsible for currency risk management.

The Company makes certain investments in foreign operations whose net assets are exposed to foreign exchange risk. This exposure is managed primarily through borrowings denominated in the relevant foreign currencies.

Monetary assets and liabilities denominated in foreign currencies as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

		September 30	<u>, 2024</u>	December 31,	2023
	Assets		Liabilities	Assets	Liabilities
USD	₩	3,286,873 ₩	6,672,509 ₩	3,507,510 ₩	3,814,710
EUR		171,360	80,791	270,280	82,410
JPY		28,699	12,468	10,486	15,421
CNY and others		93,469	18,072	124,856	8,478

With all other variables held constant as of September 30, 2024, and December 31, 2023, a hypothetical change in exchange rates by 10% would have increased (decreased) the Company's net income as follows (Korean won in millions):

	September 3	30, 2024	December	r 31, 2023
	10% increase	10% decrease	10% increase	10% decrease
USD	₩ (338,564) ₩	338,564	₩ (30,720)	₩ 30,720
EUR	9,057	(9,057)	18,787	(18,787)
JPY	1,623	(1,623)	(494)	494
CNY and others	7,540	(7,540)	11,638	(11,638)

The above sensitivity analysis has been performed for monetary assets and liabilities denominated in foreign currencies as of September 30, 2024, and December 31, 2023.

As of September 30, 2024, the Company entered into foreign currency forwards 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	<u>maturity</u>		Assets	Liabilities
Currency	Shinhan Bank	USD 500	1,135.60	2020.10.14	2024.10.15	₩	91,350 ₩	_
forward (*)	KB Kookmin Bank	USD 500	1,102.83	2020.11.24	2029.04.16		71,102	-
	JP Morgan	USD 200	1,337.60	2023.09.25	2026.09.25		-	5,900
Currency	Shinhan Bank	USD 200	1,337.60	2023.09.25	2026.09.25		-	3,498
swap (*)	KDB Bank	USD 400	1,337.60	2023.09.25	2028.09.25		-	12,128
	Woori Bank	USD 200	1,337.60	2023.09.25	2028.09.25		-	6,065
	DBS	USD 200	1,380.80	2024.07.02	2027.07.02		-	10,930
	JP Morgan	USD 200	1,380.80	2024.07.02	2027.07.02		-	11,338
	Shinhan Bank	USD 300	1,380.80	2024.07.02	2027.07.02		-	13,407
	KB Kookmin Bank	USD 200	1,380.80	2024.07.02	2029.07.02		-	9,645
	Woori Bank	USD 200	1,380.80	2024.07.02	2029.07.02		-	9,604
	Korea Exim Bank	USD 200	1,380.80	2024.07.02	2029.07.02		-	9,797
	IBK Securities	USD 100	1,380.80	2024.07.02	2029.07.02		-	4,898
	KDB Bank	USD 100	1,380.80	2024.07.02	2029.07.02		-	4,865
	KDB Bank	USD 400	1,380.80	2024.07.02	2034.07.02		-	28,664
	Woori Bank	USD 100	1,380.80	2024.07.02	2034.07.02		-	7,167

<sup>(\*)</sup> A derivative where hedge accounting is not applied.

#### 2) Price risk

The Company is exposed to price risks from equity instruments. As of September 30, 2024, the fair value of equity instruments is \$\footnote{W}85,789\$ million. With all other variables held constant, a price change in equity instruments by 10% would have changed the Company's equity by \$\footnote{W}8,579\$ million before tax.

#### (2) Credit risk

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

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

To manage credit risks related to trade receivables, the Company evaluates the credit ratings of customers and determines 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, collaterals and payment guarantees.

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

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

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#### 1) Trade receivables

The Company 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.

For the nine-month period ended September 30, 2024, and for the year ended December 31, 2023, there was no changes in the provisions for trade receivables.

As of September 30, 2024, the carrying amount of trade receivables representing the maximum exposure to credit risk amounts to \(\psi\_2,154,287\) million (as of December 31, 2023, \(\psi\_2,417,838\) million).

#### 2) Other financial assets at amortized cost

As of September 30, 2024, and December 31, 2023, the provision for other financial assets at amortized cost does not exist.

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.

#### 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 changes.

#### (3) Liquidity risk

The finance team of the Company monitors rolling forecasts of the Company'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 Company does not breach borrowing limits or covenants (where applicable) on any of its borrowing facilities. The Company's liquidity management policy considers the Company'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 Company groupings based on the remaining period from the reporting date 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):

	September 30, 2024						
		Less than 1 year	Between 1 year-2 years	Between 2-5 years	More than 5 years		
Non-derivative instruments:							
Borrowings	₩	1,146,447	₩ 1,615,404 ₩	5,790,049 ₩	1,043,221		
Lease liabilities		36,163	20,788	18,030	123		
Trade and other payables		1,838,720	1,478	851	<u>-</u>		
		3,021,330	1,637,670	5,808,930	1,043,344		
<b>Derivative instruments:</b>							
Currency forwards and swaps settled in gross:							
Inflows		(659,800)	(527,840)	(3,430,960)	(659,800)		
Outflows		567,800	535,040	3,425,175	690,400		
		(92,000)	7,200	(5,785)	30,600		
	$\overline{\mathbb{W}}$	2,929,330	<u>₩ 1,644,870</u> <u>₩</u>	5,803,145 ₩	1,073,944		

			December 31	1, 2023	
	Less than 1 year		Between 1 year-2 years	Between 2-5 years	More than 5 years
Non-derivative instruments:	•				
Borrowings	₩	809,298	₩ 266,085 ₩	2,660,107 ₩	656,385
Lease liabilities		27,736	24,625	9,180	-
Trade and other payables		2,080,421	2,924	444	
• •		2,917,455	293,634	2,669,731	656,385
<b>Derivative instruments:</b> Currency forwards and swaps settled in gross:					
Inflows		(644,700)	-	(1,289,400)	(644,700)
Outflows		567,800		1,337,600	551,415
		(76,900)	-	48,200	(93,285)
	₩	2,840,555	₩ 293,634 ₩	2,717,931 ₩	563,100

2) As of September 30, 2024, and December 31, 2023, the Company 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 the contracts	Hedged items	Financial institution	Maturity	Septembe Assets	r 30, 2024 Liabilities	December Assets	r 31, 2023 Liabilities
Merchandise (raw materials) swap (*)	Cash flow hedge	Non-ferrous metal	Citibank, SC	December 2026	₩ 478	₩ 791	₩ 27	₩ 1,697

<sup>(\*)</sup> 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.

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3) Details of financial guarantee contracts by maturity as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	September 30, 2024					
	I	Less than 1 year	Between 1 year-2 years	Between 2-5 years	More than 5 years	
Financial guarantee contracts (*)	₩	3,018,835	₩	- ₩	- ₩	
			Decemb	per 31, 2023		
	1	Less than 1 year	Between 1 year-2 years	Between 2-5 years	More than 5 years	
Financial guarantee contracts (*)	₩	3,504,027	₩	- ₩	- ₩	

<sup>(\*)</sup> The Company has provided financial guarantees for subsidiaries, etc., and the amount represents the maximum amount that can be required to guarantee as of September 30, 2024, and December 31, 2023. As of September 30, 2024, the total limit amount of committed payment guarantee is ₩5,008,834 million (as of December 31, 2023, was ₩5,364,738 million) (see Note 18).

#### 3.2 Capital Risk Management

The Company's objectives for managing capital are to safeguard the Company's ability to continue to provide profits to shareholders and 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 Company 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 separate statements of financial position, plus net debt.

The gearing ratio and debt-to-equity ratio as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	September 30, 2024	<b>December 31, 2023</b>
Total borrowings (Note 14) (A)	₩ 8,106,682	₩ 3,819,801
Less: cash and cash equivalents (B)	(2,106,045)	(1,855,224)
Net debt (C=A+B)	6,000,637	1,964,577
Total liabilities (D)	11,494,569	6,944,445
Total equity (E)	16,091,962	16,601,494
Total capital (F=C+E)	₩ 22,092,599	₩ 18,566,071
Gearing ratio (C/F)	27.2%	10.6%
Debt-to-equity ratio (D/E)	71.4%	41.8%

#### 3.3 Fair Value Estimation

(1) The carrying amount and fair value of financial instruments by category as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	<b>September 30, 2024</b>				<b>December 31, 2023</b>		
		Carrying amount	Fair value		Carrying amount	Fair value	
Financial assets (current):							
Cash and cash equivalents	₩	2,106,045	(*)	₩	1,855,224	(*)	
Trade receivables		2,022,328	(*)		2,289,892	(*)	
Other receivables (excluding deposits from financial institutions)		615,960	(*)		1,168,761	(*)	
Deposits from financial institutions		-	(*)		5,000	(*)	
Current derivative financial assets		250	25	0	12	12	
Current derivative financial assets (currency forward)		91,350	91,35	0	65,388	65,388	
Financial assets (non-current):							
Trade receivables		131,959	(*)		127,946	(*)	
Other receivables (excluding deposits from financial institutions)		82,261	(*)		93,159	(*)	
Deposits from financial institutions		60,014	(*)		60,014	(*)	
Other non-current financial assets (measured at fair value):							
Marketable financial assets		5,947	5,94	.7	12,255	12,255	
Non-marketable financial assets		560,105	560,10	5	210,602	210,602	
Non-current derivative financial assets		17,808	17,80	8	17,192	17,192	
Non-current derivative financial assets (currency forward)		71,102	71,10	2	47,138	47,138	
Financial liabilities (current):							
Trade and other payables		1,838,720	(*)		2,080,421	(*)	
Current borrowings (excluding lease liabilities)		784,624	(*)		643,895	(*)	
Current derivative financial liabilities		790	79	0	1,191	1,191	
Other current financial liabilities		45,744	(*)		57,249	(*)	
Financial liabilities (non-current):							
Non-current borrowings (excluding lease liabilities)		7,250,508	7,707,48	4	3,116,289	3,238,725	
Other non-current payables		2,329	(*)		3,368	(*)	
Non-current derivative financial liabilities	3	1		1	506	506	
Non-current derivative financial liabilities (currency swap)	3	137,906	137,90	6	67,862	67,862	

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

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(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 the bonds' credit ratings same as the Company (AA0). The applied discount rates as of September 30, 2024, and December 31, 2023, are as follows:

	<b>September 30, 2024</b>	December 31, 2023
Discount rate	3.27% - 4.22%	3.79% - 4.79%

## (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 Company 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 September 30, 2024, and December 31, 2023, fair value hierarchy of the financial instruments that are consistently measured and recognized at fair value is as follows (Korean won in millions):

	September 30, 2024				
	Level	1	Level 2	Level 3	Total
Financial assets/liabilities measured at fair	value:				
Current derivative financial assets	₩	- ₩	250 ₩	- ₩	250
Current derivative financial assets (currency forward)		-	91,350	-	91,350
Non-current derivative financial assets		-	228	17,580	17,808
Non-current derivative financial assets (currency forward)		-	71,102	-	71,102
Other non-current financial assets (marketable financial assets)		5,947	-	-	5,947
Other non-current financial assets (non-marketable financial assets)		-	-	560,105	560,105
Current derivative financial liabilities		-	790	-	790
Non-current derivative financial liabilities		-	1	-	1
Non-current derivative financial assets (currency swap)		-	137,906	-	137,906
Financial assets/liabilities not measured at f	fair value:				
Non-current borrowings (excluding lease liabilities)		-	7,707,484	-	7,707,484

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	December 31, 2023				
	Level 1		Level 2	Level 3	Total
Financial assets/liabilities measured at fair	value:				
Current derivative financial assets	₩	- ₩	12 ₩	- ₩	12
Current derivative financial assets (currency forward)		-	65,388	-	65,388
Non-current derivative financial assets		-	15	17,177	17,192
Non-current derivative financial assets (currency forward)		-	47,138	-	47,138
Other non-current financial assets (marketable financial assets)	13	2,255	-	-	12,255
Other non-current financial assets (non-marketable financial assets)		-	-	210,602	210,602
Current derivative financial liabilities		-	1,191	-	1,191
Non-current derivative financial liabilities		-	506	-	506
Non-current derivative financial assets (currency swap)		-	67,862	-	67,862
Financial assets/liabilities not measured at	fair value:				
Non-current borrowings (excluding lease liabilities)		-	3,238,725	-	3,238,725

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#### 4. SIGNIFICANT ACCOUNTING ESTIMATES AND ASSUMPTIONS:

The preparation of interim condensed separate financial statements requires the Company to make estimates and assumptions concerning the future. Management also needs to exercise judgment in applying the Company'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 Company's interim condensed separate financial statements are the same as those of the annual separate financial statements as of and for the year ended December 31, 2023.

The following are the management's estimates and assumptions for its judgements regarding significant risks that may result in adjustments to the carrying amounts of assets and liabilities in the next fiscal year:

#### (1) Income taxes

If certain portion of the taxable income is not used for investments, increase in wages or dividends, the Company 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 Company's income tax is dependent on the investments, increase in wages and dividends, there is an uncertainty measuring the final tax effects.

#### (2) Provisions

The Company recognizes provisions for product warranties as explained in Note 15. These provisions are estimated based on past experience. Provisions related to voluntary recalls by the Company's customers 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 Company uses its judgment to select a variety of methods and make assumptions that are mainly based on market conditions existing on September 30, 2024 (see Note 3.3).

#### (4) Impairment of financial assets

The provision for impairment of financial assets is based on assumptions about risk of default and expected loss rates. The Company uses judgment in making these assumptions and selecting the inputs for the impairment calculation based on the Company'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 Company 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.

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# 5. FINANCIAL INSTRUMENTS BY CATEGORY:

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

	September 30, 2024						
Financial assets		ancial assets nortized cost	Financial assets at FVPL		Financial assets at FVOCI (*1)	Other financial assets (*2)	Total
Cash and cash equivalents	₩	2,106,045	₩	- ₩	_	₩ -	₩ 2,106,045
Trade receivables		2,022,328		-	-	-	2,022,328
Non-current trade receivables		131,959		-	-	-	131,959
Other receivables		615,960		-	-	-	615,960
Other non-current receivables		142,275		-	-	-	142,275
Other current financial assets		-	91,3	50	-	250	91,600
Other non-current financial assets		<u>_</u> _	568,9	<u> 15</u>	85,789	228	654,962
	₩	5,018,567	₩ 660,29	<u>95</u> ₩	85,789	₩ 478	₩ 5,765,129

	September 30, 2024						
Financial liabilities	Financial liabilities at amortized cost	Financial liabilities at FVPL	Other financial liabilities (*2)	Total			
Trade payables	₩ 1,148,809	₩ -	₩ -	₩ 1,148,809			
Other payables	689,911	-	-	689,911			
Other non-current payables	2,329	-	-	2,329			
Current borrowings	784,624	-	34,288	818,912			
Non-current borrowings	7,250,508	-	37,262	7,287,770			
Other current financial liabilities	45,744	-	790	46,534			
Other non-current financial liabilities		137,906	1	137,907			
	₩ 9,921,925	₩ 137,906	₩ 72,341	₩ 10,132,172			

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	December 31, 2023					
Financial assets	Financial assets at amortized cost	Financial assets at FVPL	Financial assets at FVOCL(*1)	Other financial assets (*2)	Total	
Cash and cash equivalents	₩ 1,855,224	₩ -	₩ -	₩ - ₩	1,855,224	
Trade receivables	2,289,892	-	-	-	2,289,892	
Non-current trade receivables	127,946	-	-	-	127,946	
Other receivables	1,173,761	-	-	-	1,173,761	
Other non-current receivables	153,173	-	-	-	153,173	
Other current financial assets	-	65,388	-	12	65,400	
Other non-current financial assets		196,678	90,494	15	287,187	
	₩ 5,599,996	₩ 262,066	₩ 90,494	<del>₩</del> 27 <del>₩</del>	5,952,583	

Financial liabilities	Financial liabilities at amortized cost	Financial liabilities at FVPL	Other financial liabilities (*3)	Total
Trade payables	₩ 1,097,287 ₩	- ₩	- ₩	1,097,287
Other payables	983,134	-	-	983,134
Other non-current payables	3,368	-	-	3,368
Current borrowings	643,895	-	26,523	670,418
Non-current borrowings	3,116,289	-	33,094	3,149,383
Other current financial liabilities	57,249	-	1,191	58,440
Other non-current financial liabilities		67,862	506	68,368
	<u>₩</u> 5,901,222 <u>₩</u>	67,862 ₩	61,314 ₩	6,030,398

<sup>(\*1)</sup> At initial recognition, the Company 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.

(2) Net gain (loss) on each category of financial instruments for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

	Sept	ember 30, 2024	September	<b>September 30, 2023</b>	
	Three mor	nths Nine months	Three months	Nine months	
Interest income:					
Financial assets at amortized cost	₩ 26	63,22 €	2 ₩ 19,313	₩ 92,175	
Interest expense:					
Financial liabilities at amortized cost	(84,	531) (190,127	7) (25,193)	(53,295)	
Other financial liabilities	(	579) (1,669	9) (262)	(710)	
Gain or loss on valuation/disposal:					
Financial assets at FVPL		502 72	8 -	-	
Financial assets at FVOCI (*)	(6,	356) (4,706	5) (11,198)	(5,560)	
Derivative instruments	(209,	409) (18,761	18,152	57,253	
Exchange differences:					
Financial assets at amortized cost	(123,	204) 129,15	8 25,686	224,264	
Financial liabilities at amortized cost	315	,001 43,46	7 (81,174)	(233,895)	
Financial assets at FVPL	(22,	531) (15,559	9) 1,833	4,266	

<sup>(\*)</sup> Changes in fair value are recognized in profit or loss or in other comprehensive income.

<sup>(\*2)</sup> Other financial assets include derivative assets.

<sup>(\*3)</sup> Other financial liabilities include lease liabilities and derivative liabilities.

# LG Energy Solution, Ltd. Notes to the interim condensed separate financial statements As of September 30, 2024, and December 31, 2023, and

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# 6. CASH AND CASH EQUIVALENTS:

(1) Details of cash and cash equivalents as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Se	eptember 30, 2024	<b>December 31, 2023</b>
Bank deposits and cash on hand	₩	9,738 ₩	6,524
Cash equivalents		2,096,307	1,848,700
	$\overline{\Psi}$	2,106,045 ₩	1,855,224

(2) As of September 30, 2024, there are no cash and cash equivalents, subject to restriction on use.

# 7. TRADE AND OTHER RECEIVABLES:

(1) Trade and other receivables and their provisions for impairment are as follows (Korean won in millions):

		<b>September 30, 2024</b>					December 31, 2023				
		Gross	Provision for		Carrying		Gross	Provision for	(	Carrying	
		amount	impairment		amount		amount	impairment		amount	
Trade receivables	₩	2,022,328	₩ .	- ₩	2,022,328	₩	2,289,892	₩ -	₩	2,289,892	
Non-current trade receivables		131,959		-	131,959		127,946	-		127,946	
Other current receivables		615,960		-	615,960		1,173,761	-		1,173,761	
Other non-current receivables		142,275			142,275		153,173			153,173	
	₩	2,912,522	₩ .	₩	2,912,522	₩	3,744,772	₩ -	₩	3,744,772	

(2) Details of other receivables as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Septe	December 31, 2023		
Current:				
Non-trade receivables	₩	594,126 ₩	1,154,699	
Deposits from financial institutions		-	5,000	
Accrued income		12,026	3,582	
Guarantee deposits provided		9,808	10,480	
		615,960	1,173,761	
Non-current:				
Non-trade receivables		44,266	61,125	
Deposits from financial institutions (*)		60,014	60,014	
Guarantee deposits provided		37,995	32,034	
		142,275	153,173	
	$\underline{\mathbb{W}}$	758,235 ₩	1,326,934	

<sup>(\*)</sup> As of September 30, 2024, the deposits from financial institutions (non-current) are subject to withdrawal restrictions, which include \$\psi 60,000\$ million for the agreement on the Win-Win Growth Cooperation and \$\psi 14\$ million related to guarantee deposit for current account opening.

(3) The aging analysis of trade and other receivables as of September 30, 2024, and December 31, 2023, is as follows (Korean won in millions):

		September 3	0, 2024	December 31, 2023			
		Trade receivables	Other receivables	Trade receivables	Other receivables		
Receivables not past due	₩	2,129,127 ₩	746,085 ₩	2,385,614 ₩	1,316,073		
Past due, but not impaired:		25,160	12,150	32,224	10,861		
Up to three months		17,432	11,093	15,838	10,861		
Between three to six months		6,800	1,025	16,386	-		
Over six months		928	32	-	-		
Impaired receivables		-		<u> </u>	<u> </u>		
	₩	2,154,287 ₩	758,235 ₩	2,417,838 ₩	1,326,934		

(4) Changes in the provision for impairment for the nine-month period ended September 30, 2024, and the year ended December 31, 2023, are as follows (Korean won in millions):

	2	024	2023				
	Trade receivables	Other receivables	Trade receivables	Other receivables			
Beginning	₩	- <del>W</del>	<b>-</b> ₩	- <del>W</del>	54		
Additions		_	-	-	_		
Write-off		_	-	-	(54)		
Ending	₩	<b>-</b> ₩	<u> </u>	<u>-</u> ₩			

<sup>(5)</sup> The fair values of trade receivables and other receivables as of September 30, 2024, and December 31, 2023, are not significantly different from their carrying amounts.

# 8. OTHER FINANCIAL ASSETS AND LIABILITIES:

(1) Details of other financial assets and liabilities as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Septem	nber 30, 2024	December 31, 2023
Other financial assets:			
Financial assets at FVOCI	$oldsymbol{\mathbb{W}}$	85,789 ₩	90,494
Cash flow hedge		478	27
Financial assets at FVPL		660,295	262,066
	$\underline{\mathbb{W}}$	746,562 ₩	₹ 352,587
Other financial liabilities:			
Financial guarantee contracts	igwedge	45,744 ₩	₹ 57,249
Cash flow hedge		791	1,697
Financial liabilities at FVPL		137,906	67,862
	$\overline{\mathbb{W}}$	184,441 ₩	<del>∀</del> 126,808

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(2) Details of changes in equity securities included in other financial assets for the nine-month period ended September 30, 2024, and the year ended December 31, 2023, are as follows (Korean won in millions):

		2024	2023
Beginning	₩	90,494 ₩	202,094
Acquisitions/transfer		-	17,438
Valuation loss (before income tax deduction) and other comprehensive income item		(4,706)	(129,038)
Ending	₩	85,788 ₩	90,494

The Company 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.
- 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 September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

		<b>September 30, 2024</b>					December 31, 2023					
		Gross	Va	aluation		Carrying		Gross	1	<b>Valuation</b>	Ca	rrying
		amount	al	lowance		amount		amount	a	llowance	a	mount
Merchandise	₩	263,252	₩	(3,863)	₩	259,389	₩	233,113	₩	(2,910) ₩	Ŧ	230,203
Finished/semifinished products		921,301		(124,295)		797,006		1,013,658		(102,993)		910,665
Raw materials		531,882		(4,685)		527,197		83,359		(2,419)		80,940
Supplies		10,753		(3,184)		7,569		15,288		(5,174)		10,114
Materials in transit		68,916		_		68,916		33,636		<u>-</u>		33,636
	₩	1,796,104	₩	(136,027)	₩	1,660,077	₩	1,379,054	₩	(113,496) ₩	Ŧ	1,265,558

(2) The amounts of inventories expensed as cost of sales for the nine-month periods ended September 30, 2024 and 2023, were 40.59,390 million and 70.473,679 million, respectively.

#### 10. INVESTMENTS IN SUBSIDIARIES, ASSOCIATES AND JOINT VENTURES:

(1) Changes in investments in subsidiaries, associates and joint ventures for the nine-month period ended September 30, 2024, and for the year ended December 31, 2023, are as follows (Korean won in millions):

	Septe	ember 30, 2024 1	December 31, 2023
Beginning	₩	10,118,763 ₩	7,547,546
Acquisitions		2,961,159	2,598,354
Disposals/Impairment		-	(27,137)
Ending	$\underline{\mathbb{W}}$	13,079,922 ₩	10,118,763

(2) Details of investments in subsidiaries, associates and joint ventures as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

		Percentage of ownership (%)		Carrying amount		
	Location	September 30, 2024	December 31, 2023	September 30, 2024	December 31, 2023	
Subsidiaries:						
LG Energy Solution (Nanjing) Co., Ltd.	China	100	100	₩ 1,138,401	₩ 1,138,401	
LG Energy Solution Michigan Inc.	USA	100	100	4,900,770	3,815,683	
LG Energy Solution Battery (Nanjing) Co., Ltd.	China	100	100	323,438	323,438	
LG Energy Solution Wroclaw sp. z o.o.	Poland	100	100	2,299,898	2,299,898	
LG Energy Solution Australia Pty Ltd.	Australia	100	100	429	429	
LG Energy Solution Technology (Nanjing) Co., Ltd.	China	100	100	788,171	788,171	
LG Energy Solution Europe GmbH	Germany	100	100	34,729	34,729	
LG Energy Solution (Taiwan) Ltd.	Taiwan	100	100	1,871	1,871	
Areum noori Co., Ltd.	Korea	100	100	500	500	
LG Energy Solution Fund I LLC	USA	100	100	49,164	47,842	
LG Energy Solution Vertech Inc.	USA	100	100	16,168	16,168	
LG Energy Solution Arizona, Inc.	USA	100	100	268,725	188,649	
Baterias De Castilla S.L.	Spain	100	100	4	4	
L-H Battery Company, Inc.	USA	51	51	1,490,326	548,958	
LG Energy Solution India Private Limited	India	100	100	563	563	
LG Energy Solution Arizona ESS, Inc.	USA	100	100	102,735	39,936	
NextStar Energy Inc.	Canada	51	51	1,342,085	579,075	
LG Energy Solution Fund II LLC	USA	100	100	42,284	22,985	
LG Energy Solution Japan Co., Ltd. (*1)	Japan	100	-	535	-	
PT. HLI Green Power (*2)	Indonesia	50	-	209,133		
				13,009,929	9,847,300	
Associates and joint ventures:						
PT. HLI Green Power	Indonesia	-	50	-	209,133	
Sama Aluminium Co., Ltd.	Korea	10.2	10.2	46,575	46,575	
Nexpo Co., Ltd.	Korea	19	19	4,274	2,374	
Bricks Capital Management Global Battery Private Equity Fund I	Korea	59.9	59.9	19,144	13,381	
• •				69,993	271,463	
				₩ 13,079,922	₩ 10,118,763	

<sup>(\*2)</sup> During the current period, the Company reclassified PT. HLI Green Power from a joint venture to a subsidiary due to amendments in the shareholder agreement.

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For the three-month and nine-month periods ended September 30, 2024 and 2023

#### 11. PROPERTY, PLANT AND EQUIPMENT:

(1) Changes in property, plant and equipment for the nine-month period ended September 30, 2024, and the year ended December 31, 2023, are as follows (Korean won in millions):

		2024	2023
Beginning	₩	3,383,740 ₩	2,504,936
Acquisition/Replacement		1,213,919	2,448,980
Disposal/Replacement		(515,741)	(1,231,848)
Depreciation		(282,979)	(335,707)
Impairment		(6,848)	(2,621)
Ending	$\overline{\Psi}$	3,792,091 ₩	3,383,740

- (2) The current ending balances of property, plant and equipment include \W1,126,030 million of construction in progress as of September 30, 2024, and some of it will subsequently be transferred to intangible assets (as of December 31, 2023, were \W860,764 million).
- (3) The Company capitalized \(\pmu22,645\) million of borrowing costs in relation to acquisition of property, plant and equipment (for the nine-month period ended September 30, 2023, were \(\pmu9,908\) million). The capitalization rate of borrowings used to determine the amount of borrowing costs eligible for capitalization is 4.13% (for the nine-month period ended September 30, 2023, was 3.39%).
- (4) Line items, including depreciation in the interim condensed separate statements of profit or loss for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024		2023			
	Thre	ee months	Nine months	Three months	Nine months		
Cost of sales	₩	56,557 ₩	168,940	₩ 48,277	₩ 149,606		
Selling and administrative expenses		40,351	114,039	32,295	90,184		
	₩	96,908 ₩	282,979	₩ 80,572	₩ 239,790		

#### (5) Lease

① Amounts recognized in the interim condensed separate statements of financial position

Details of amounts recognized in the interim condensed separate statements of financial position in relation to leases for the nine-month period ended September 30, 2024, and the year ended December 31, 2023, are as follows (Korean won in millions):

	Septem	<u> 1ber 30, 2024                                      </u>	ber 31, 2023
Right-of-use assets (*):			_
Buildings	₩	54,411 ₩	43,129
Lands		304	228
Vehicles		12,050	11,561
	$\underline{\mathbb{W}}$	66,765 ₩	54,918

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

Additions to the right-of-use assets for the nine-month period ended September 30, 2024, are \$\pmu42,149\$ million (for the nine-month period ended September 30, 2023, were \$\pmu18,667\$ million).

Notes to the interim condensed separate financial statements

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For the three-month and nine-month periods ended September 30, 2024 and 2023

	<u>Septem</u>	<b>September 30, 2024</b>	
Lease liabilities (*):			
Current	₩	34,288 ₩	26,523
Non-current		37,262	33,094
	₩	71,550 ₩	59,617

<sup>(\*)</sup> Included in 'Borrowings' in the interim condensed separate statements of financial position.

Details of amounts recognized in the interim condensed separate statements of profit or loss in relation to leases for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

	2024			2023		
	Three n	nonths	Nine months	Three months	Nine months	
Depreciation of right-of-use assets:						
Buildings	₩	6,897	19,718	₩ 4,709	₩ 9,298	
Land		64	200	443	465	
Vehicles and others		1,484	4,527	1,399	2,642	
	₩	8,445	₩ 24,445	₩ 6,551	₩ 12,405	
Interest expense relating to lease liabilities (included in finance cost)	₩	579	₩ 1,669	₩ 199	₩ 448	
Expenses relating to short-term leases (included in cost of goods sold and administrative expenses)		599	2,329	568	1,417	
Expenses relating to leases of low-value assets that are not short-term leases (included in cost of goods sold and administrative expenses)		1,774	5,220	1,774	3,312	

Total cash outflow for leases for the nine-month period ended September 30, 2024, is \$\footnote{3}2,808\$ million (for the nine-month period ended September 30, 2023, was \$\footnote{2}1,915\$ million).

# 12. <u>INTANGIBLE ASSETS:</u>

(1) Changes in intangible assets for the nine-month period ended September 30, 2024, and the year ended December 31, 2023, are as follows (Korean won in millions):

	2024		2023	
Beginning	₩	712,217 ₩	513,483	
Acquisition/Replacement		184,421	304,499	
Disposal/Replacement		(3,566)	(2,954)	
Amortization		(98,225)	(102,802)	
Impairment		<u>-</u>	(9)	
Ending	₩	794,847 <del>₩</del>	712,217	

<sup>2</sup> Amounts recognized in the interim condensed separate statements of profit or loss

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(2) Line items, including amortization of intangibles in the interim condensed separate statements of profit or loss for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024	4	2023		
	Thre	ee months	Nine months	Three months	Nine months	
Cost of sales	₩	5,288 ₹	₩ 15,518	₩ 4,357	₩ 13,014	
Selling and administrative expenses	-	29,031	82,707	22,045	60,271	
	$\overline{\mathbb{W}}$	34,319 ₹	₩ 98,225	₩ 26,402	₩ 73,285	

# (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 (tons in thousands):

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

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

2) Changes in greenhouse gas emission right included in intangible assets for the nine-month period ended September 30, 2024, and for the year ended December 31, 2023, are as follows (ton in thousands and Korean won in millions):

_	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)	<u> </u>	<u> </u>	<u>-</u>	<u>-</u>		
Ending	- <u>₩</u>		297 ₩	: <u> </u>	297 ₩	<u>-</u>		

_	2023								
_	202	.2	2023		2024		2025		
	Ton	Amount	Ton	Amount	Ton	Amount	Ton	Amount	
Beginning /Allocated	332	₩ -	300 ₩	-	297	₩ -	297 ₩	<del>-</del>	
Purchase /Sale	23	179	-	-	-	-	-	-	
Borrowing /Carried over	3	-	-	-	-	-	-	-	
Government submission -	(358)	(179)							
Ending _		₩ -	300 ₩		297	₩ -	297 ₩	<del>-</del>	

<sup>(\*2)</sup> An additional 60,000 tons have been allocated as the emissions for 2023 were confirmed.

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

# 13. OTHER CURRENT AND NON-CURRENT ASSETS:

Details of other current and non-current assets as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Septer	mber 30, 2024	December 31, 2023
Current:			
Prepayments and prepaid expenses	₩	39,450 ₩	60,954
Prepaid value-added tax		38,271	56,386
Others		48,496	1,436
	$\underline{\mathbb{W}}$	126,217 ₩	118,776
Non-current:			
Long-term prepayments and prepaid expenses	₩	10,263 ₩	11,495
Net defined benefit assets		90,009	156,509
	₩	100,272 ₩	168,004

# 14. **BORROWINGS:**

(1) Borrowings as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Septe	ember 30, 2024	December 31, 2023
Current:	-	-	_
Current portion of debentures	₩	784,624 ₩	643,895
Current lease liabilities		34,288	26,523
		818,912	670,418
Non-current:			
Debentures		7,250,508	3,116,289
Non-current lease liabilities		37,262	33,094
		7,287,770	3,149,383
	$\overline{\Psi}$	8,106,682 ₩	3,819,801

- (2) Details of borrowings as of September 30, 2024, and December 31, 2023, are as follows:
- 1) Debentures (USD in thousands and Korean won in millions)

	September 30, 2024						
	Financial institution	Interest	Longest maturity date	Amount	Current portion	Non-current portion	
	NH	Tate (70)	maturity date	Amount	portion	portion	
1 <sup>st</sup> Debenture (non-guaranteed/public)	Investment & Securities Co., Ltd. and others	2.214	2026.03.13	₩ 200,000	₩ -	₩ 200,000	
2-1 <sup>st</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.097	2025.06.29	125,000	125,000	-	
2-2 <sup>nd</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.196	2026.06.29	370,000	-	370,000	
2-3 <sup>rd</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.298	2028.06.29	505,000	-	505,000	
3-1 <sup>st</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	3.806	2026.02.16	180,000	-	180,000	
3-2 <sup>nd</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	3.889	2027.02.16	660,000	-	660,000	
3-3 <sup>rd</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.054	2029.02.16	570,000	-	570,000	
3-4 <sup>th</sup> 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	3.250	2024.10.15	659,800 (USD 500,000)	659,800	-	
USD foreign currency debenture (non-guaranteed)	Citibank and others	3.625	2029.04.15	659,800 (USD 500,000)	-	659,800	
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.625	2026.09.25	527,840 (USD 400,000)	-	527,840	
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.750	2028.09.25	791,760 (USD 600,000)	-	791,760	
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.375	2027.07.02	923,720 (USD 700,000)	-	923,720	
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.375	2029.07.02	1,055,680 (USD 800,000)	-	1,055,680	
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.500	2034.07.02	659,800 (USD 500,000)	-	659,800	
Less: discount on debentures		-	-	$\frac{(43,268)}{\$ 8,035,132}$	(176) ₩ 784,624	(43,092) ₩ 7,250,508	

LG Energy Solution, Ltd.

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	December 31, 2023					
	Financial institution	Interest rate (%)	Longest maturity date	Amount		n-current ortion
1 <sup>st</sup> Debenture (non-guaranteed/public)	NH Investment & Securities Co., Ltd. and others	2.214	2026.03.13	₩ 200,000	W - W	200,000
2-1st Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.097	2025.06.29	125,000	-	125,000
2-2 <sup>nd</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.196	2026.06.29	370,000	-	370,000
2-3 <sup>rd</sup> Debenture (non-guaranteed/public)	KB Securities Co., Ltd. and others	4.298	2028.06.29	505,000	-	505,000
USD foreign currency debenture (non-guaranteed)	Citibank and others	3.250	2024.10.15	644,700 (USD 500,000)	644,700	-
USD foreign currency debenture (non-guaranteed)	Citibank and others	3.625	2029.04.15	644,700 (USD 500,000)	-	644,700
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.625	2026.09.25	515,760 (USD 400,000)	-	515,760
USD foreign currency debenture (non-guaranteed)	Citibank and others	5.750	2028.09.25	773,640 (USD 600,000)	-	773,640
Less: discount on debentures				$\frac{(18,616)}{\$ 3,760,184}$	(805) ₩ 643,895 ₩	(17,811) 3,116,289

# 2) Lease liabilities (Korean won in millions)

			Se	ptember 30, 2024		
	Interest rate (%)	Longest maturity date		Amount	Current portion	Non-current portion
Baeksan industry and others	2.21 ~ 4.20	2039.02.28	₩	71,550 ₩	34,288 ₩	37,262
			Do	ecember 31, 2023		
	Interest rate (%)	Longest maturity date		Amount	Current portion	Non-current portion
Baeksan industry and others	2.16 ~ 4.20	2028.06.07	₩	59,617 ₩	26,523 ₩	33,094

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#### 15. PROVISIONS:

Changes in provisions for the nine-month period ended September 30, 2024, and for the year ended December 31, 2023, are as follows (Korean won in millions):

	2024					
	Greenhouse					
		Warranty (*1)	gas emission (*2)	Ot	ther provisions (*3)	Total
Beginning	₩	423,920 ₩	195	₩	102,890 ₩	527,005
Additions		527,627	108		13,088	540,823
Used		(301,298)	(171)		-	(301,469)
Ending		650,249	132		115,978	766,359
Less: current portion		(486,702)	(132)		(109,224)	(596,058)
	₩	163,547 ₩		₩	6,754 W	170,301

	2023					
	Greenhouse					
		Warranty (*1)	gas emission (*2)	Other provisions (*3)	<b>Total</b>	
Beginning	₩	920,184 ₩	1,250	₩ 4,118	₩ 925,552	
Additions		251,654	(876)	98,772	349,550	
Used		(747,918)	(179)	-	(748,097)	
Ending		423,920	195	102,890	527,005	
Less: current portion		(277,810)	(195)	(96,705)	(374,710)	
	₩	146,110 ₩		₩ 6,185	₩ 152,295	

<sup>(\*1)</sup> 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 cost 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.

<sup>(\*2)</sup> In relation to greenhouse gas emissions, the Company estimates the expected future costs of emissions exceeding the Company's emission rights for the year and recognizes them as provisions. Estimated emissions are 233 thousand tons for the nine-month period ended September 30, 2024 (for the year ended December 31, 2023, were 325 thousand tons).

<sup>(\*3)</sup> In addition to provisions for warranties and greenhouse gases, the Company has reasonably estimated the probable amount of resource outflow embodying economic benefits as a present obligation resulting from past events and recognized it.

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#### 16. NET DEFINED BENEFIT LIABILITIES (ASSETS):

(1) Details of net defined benefit liabilities (assets) recognized in the interim condensed separate statements of financial position as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Septe	mber 30, 2024 D	ecember 31, 2023
Present value of defined benefit liabilities (*1)	₩	725,826 ₩	671,375
Fair value of plan assets (*2)		(815,835)	(827,884)
	$\overline{\mathbb{W}}$	(90,009) ₩	(156,509)

- (\*1) The present value of defined benefit obligations is the amount after deducting the contributions to the National Pension Plan of W32 million as of September 30, 2024 (as of December 31, 2023, was W35 million).
- (\*2) The \$\text{\$\psi 0,009}\$ million of net defined benefit assets is included in the 'Other non-current assets' as of September 30, 2024 (as of December 31, 2023, was \$\text{\$\psi 156,509}\$ million).
- (2) The amounts recognized in the interim condensed separate statements of profit or loss for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024			2023		
	Three	e months Ni	ne months	Three months	Nine months		
Current service cost	₩	23,365 ₩	70,095 ₹	∀ 19,441	₩ 58,322		
Interest cost		(1,813)	(5,439)	(3,004)	(9,012)		
	₩	21,552 ₩	64,656 <del>V</del>	<del>∀</del> 16,437	₩ 49,310		

- (3) Retirement benefits recognized for defined contribution plan for the nine-month period ended September 30, 2024, amounted to ₩1,668 million (for the nine-month period ended September 30, 2023, amounted to ₩1,471 million).
- (4) Retirement benefits recognized in the interim condensed separate statements of profit or loss for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024		2023		
	Three months		Nine months	Three months	Nine months	
Cost of sales	₩	9,838 ₩	30,088	₩ 700	₩ 19,634	
Selling and administrative expenses		12,175	36,236	16,425	31,147	
	$\overline{\mathbb{W}}$	22,013 ₩	66,324	₩ 17,125	₩ 50,781	

(5) Changes in the present value of defined benefit obligations for the nine-month period ended September 30, 2024, and for the year ended December 31, 2023, are as follows (Korean won in millions):

		2024	2023
Beginning	₩	671,375 ₩	547,721
Transfer in		2,005	12,516
Transfer out		(382)	(2,426)
Current service cost		70,095	77,762
Interest expense		23,310	28,988
Remeasurements:			
Actuarial loss from change in financial assumption		-	45,794
Actuarial loss from change in demographic assumption		-	1,824
Actuarial gain due to difference between the estimated and the actual		-	(8,634)
Others		-	(2,002)
Payments from plans		(40,577)	(30,168)
Ending	₩	<u>725,826</u> ₩	671,375

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(6) Changes in the fair value of plan assets for the nine-month period ended September 30, 2024, and for the year ended December 31, 2023, are as follows (Korean won in millions):

		2024	2023
Beginning	₩	827,884 ₩	770,240
Transfer out		(238)	(125)
Interest income		28,749	41,004
Remeasurements:			
Return on plan assets		(1,824)	1,665
(excluding amounts included in interest income)		(1,024)	1,003
Contribution:			
Employer contribution to plan assets		-	43,000
Payments from plans		(37,567)	(26,650)
Administrative costs		(1,169)	(1,250)
Ending	$\overline{\mathbb{W}}$	815,835 ₩	827,884

- (7) The actual return on plan assets for the nine-month period ended September 30, 2024, was ₩26,925 million (for the nine-month period ended September 30, 2023, was ₩34,120 million).
- (8) The significant actuarial assumptions as of September 30, 2024, and December 31, 2023, are as follows:

	<u>September 30, 2024</u>	December 31, 2023
Discount rate	4.70%	4.70%
Salary growth rate	5.34%	5.33%

(9) The sensitivity analysis for changes in key actuarial assumptions as of September 30, 2024, is as follows (Korean won in millions):

	Incre	ase by 1.0% Decre	ase by 1.0%
Discount rate:			-
Increase (decrease) in defined benefit liabilities	₩	(85,968) ₩	103,316
Salary growth rate: Increase (decrease) in defined benefit liabilities		107,554	(90,522)

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 separate 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 September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

		<b>September 30, 2024</b>			<b>December 31, 2023</b>		
		Amount	Composition (%)		Amount	Composition (%)	
Insurance contracts with guaranteed yield	₩	815,835	100	₩	827,884	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 September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Ser	otember 30, 2024	December 31, 2023
Current:			
Advances from customers	₩	72,288 ₩	56,660
Withholdings		14,381	35,907
Unearned revenues		313,887	46,509
Accrued expenses and others		144,388	187,854
	$\underline{\mathbb{W}}$	<u>544,944</u> ₩	326,930
Non-current:			
Long-term employee benefits	₩	29,368 ₩	26,567
Long-term unearned revenues		1,652	-
Long-term advance received		20,074	33,545
	$\underline{\mathbb{W}}$	51,094 ₩	60,112

#### 18. COMMITMENTS AND CONTINGENCIES:

- (1) The Company is jointly liable with LG Chem, Ltd. for liabilities recognized before the split-off date.
- (2) As of September 30, 2024, the Company has been guaranteed by Seoul Guarantee Insurance Company for the execution of contracts and others.
- (3) As of September 30, 2024, the Company has various specific lines of credit agreements with several financial institutions as follows (Korean won in millions and USD in millions):

	Currency	Amount
Limit of bank overdraft	KRW	8,700
Limit of letter of credit	USD	12
Limit of discount of notes from export	USD	1,060
Limit of guaranteed payments in other foreign currency	USD	325
Derivatives	USD	2,366
Derivatives	KRW	400,000
Business-to-business purchase arrangements	KRW	125,000
General loan agreements	KRW	500,000
Bond transfer transaction	KRW	150,000

<sup>(4)</sup> The Company has entered into payment guarantee contracts of USD 51 million and EUR 5 million with financial institutions in relation to product warranty for certain installed products.

<sup>(5)</sup> The Company provides performance guarantees of USD 9,223 million, EUR 1 million, CAD 917 million and others for subsidiaries.

- (6) The Company 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 September 30, 2024. The Company also has filed five lawsuit cases (amounted to USD 90 million and ₩646 million) and been sued in other 43 other cases (amounting to ₩1,818 million). The ultimate outcome of these pending cases cannot be determined at the reporting date.
- (7) The Company has entered into a license agreement with LG Corp. to use trademarks on the products that the Company manufactures and sells and on the services the Company provides in relation to its business.
- (8) As of September 30, 2024, the Company has entered into a joint venture agreement with Honda and has committed to invest USD 1,802 million and has contributed USD 1,118 million as of September 30, 2024. During the year ended December 31, 2023, the Company has decided to provide a payment guarantee of USD 450 million, 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 September 30, 2024, the Company 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 September 30, 2024. In addition, if one party defaults, the other party has the right to purchase shares from the other party.
- (10) As of September 30, 2024, the Company has entered into a joint venture agreement with HMG Global LLC and has committed to invest USD 1,108 million and has contributed USD 475 million as of September 30, 2024. 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 September 30, 2024, the Company has decided to contribute USD 1,106 million to LG Energy Solution Arizona, Inc. and has contributed USD 208 million as of September 30, 2024. Furthermore, the Company has decided to provide a payment guarantee up to a maximum limit of USD 1,106 million and lease-related payment obligation of USD 4,483 million.
- (12) As of September 30, 2024, the Company has decided to contribute USD 1,173 million to LG Energy Solution Arizona ESS, Inc. and has contributed USD 76 million as of September 30, 2024. Furthermore, the Company has decided to provide a payment guarantee up to a maximum limit of USD 1,173 million.
- (13) Capital expenditure arrangements that have not been incurred as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

Property, plant and equipment  $\frac{\text{September 30, 2024}}{\text{$$$$$$$$$$$$$$$$$$$$$}} \frac{\text{December 31, 2023}}{\text{$$$$$$$$}} \times \frac{1}{2} \times \frac{1}$ 

(14) Investment commitments as of September 30, 2024, are as follows (Korean won and USD in millions):

		Contractual	Total	Remaining
	Currency	amount	investments	amount
BNZ (Beyond Net Zero) Fund	USD	75	37	38
Secondary Battery Growth Fund	KRW	6,700	4,677	-
KBE (Korea Battery ESG) Fund	KRW	75,000	41,616	33,384
BCM Global Battery Fund	KRW	30,000	13,339	16,661
Yonsei Technology Holdings IP Fund	KRW	3,000	2,040	960

(15) As of September 30, 2024, and December 31, 2023, the details of the payment guarantee for the borrowings by the Company are as follows (Korean won in millions):

			Loan amount (*1)		Credit limit (*2)	
	Guarantee	Financial				
Guarantor	beneficiary	institution			<b>September 30, 2024</b>	
		MUFG	₩ -	₩ 71,330	₩ -	₩ 71,330
		KEB Hana Bank	-	285,318	-	285,318
		Citibank	-	71,330	-	71,330
		Citibank	-	71,330	-	71,330
		EBRD	58,962	71,330	147,406	142,659
		SMBC	36,852	46,364	73,703	71,330
		DBS	147,406	142,659	147,406	142,659
		EIB	393,083	532,593	707,549	684,763
	LG Energy	EBRD	110,555	128,393	221,109	213,989
	Solution	KDB Bank/	390,626	378,046	390,626	378,046
	Wroclaw sp.	Korea Exim Bank	390,020	376,040	390,020	370,040
LG Energy	Z 0.0.	KDB Bank/	910 722	794 (25	910 722	794 (25
Solution		Korea Exim Bank/ NH Bank	810,733	784,625	810,733	784,625
Ltd.		KDB Bank/	204.012	205 210	204.012	205 210
		Korea Exim Bank	294,812	285,318	294,812	285,318
		KDB Bank/	147,406	142,659	147,406	142,659
		Korea Exim Bank KDB Bank/	,	- 1_,027		- 1_,000
		Korea Exim Bank	73,703	71,330	73,703	71,330
		KDB Bank/	72.702	71 220	72 702	71 220
		Korea Exim Bank	73,703	71,330	73,703	71,330
	LG Energy	KDB Bank/	< <b>7</b> .000	64 A <b>E</b> 0	4 454 540	4 440 240
	Solution	Korea Exim Bank	65,980	64,470	1,451,560	1,418,340
	Michigan Inc. PT. HLI	and others				
	Green	ANZ and others	415,014	285,602	469,118	458,382
	Power					
			₩ 3,018,835	₩ 3,504,027	₩ 5,008,834	₩ 5,364,738

<sup>(\*1)</sup> The amounts represent borrowed amount as of September 30, 2024, and December 31, 2023.

In addition, the Company provides letter of comfort in relation to certain borrowings of subsidiaries.

<sup>(\*2)</sup> The limits indicate the aggregate amount of payment guarantees.

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

#### 19. SHARE CAPITAL:

Changes in share capital and share premium for the nine-month period ended September 30, 2024, are as follows (Korean won in millions and in shares):

_	Ordinar	<u>y shar</u>	res	
_	Number of shares		Share capital	Share premium
December 31, 2023	234,000,000	₩	117,000 ₩	17,589,722
Changes	-		-	-
September 30, 2024	234,000,000	₩	117.000 ₩	17,589,722

#### **20. ACCUMULATED DEFICIT:**

Details of accumulated deficit as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

		September 30, 2024	December 31, 2023
Undisposed accumulated deficit	₩	(1,558,661) ₩	(1,051,712)

#### 21. OPERATING LOSSES:

(1) The major items encompassed in the calculation of operating losses for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024	1	2023		
	Thi	ree months	Nine months	Three months	Nine months	
Revenue	₩	2,097,344 ₹	₹ 5,659,865	<b>₩</b> 2,898,355	₩ 9,227,208	
Cost of sales		1,804,725	4,740,821	2,244,296	7,532,957	
Gross profit		292,619	919,044	654,059	1,694,251	
Selling and administrative expenses:						
Wages and salaries		167,382	495,632	171,479	495,922	
Retirement benefits		12,175	36,236	16,425	31,147	
Employee benefits		44,805	135,080	41,348	119,223	
Travel expenses		14,196	40,974	15,647	37,363	
Water and utilities		21,439	59,476	17,793	50,547	
Rental expenses		12,409	36,610	15,654	55,027	
Commission expenses		251,233	634,271	153,002	397,546	
Depreciation		41,863	118,537	33,796	94,670	
Advertising expenses		6,214	16,148	5,628	15,271	
Freight expenses		17,291	24,876	5,974	15,477	
Training expenses		6,172	19,536	6,996	21,204	
Amortization		29,031	82,707	22,045	60,271	
Sample expenses		1,345	3,993	858	3,410	
Development costs		54,775	158,553	49,354	145,273	
Transfers to provisions for warranties		279,165	527,627	26,910	236,135	
Others		54,660	148,686	123,481	214,862	
		1,014,155	2,538,942	706,390	1,993,348	
Operating losses	₩	(721,536) ₹	₹ (1,619,898)	₩ (52,331)	₩ (299,097)	

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

(2) Sales for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

	2024			2023		
	Thr	ree months	Nine months	Three months	Nine months	
Sales recognized at a point in time	₩	1,838,226 ₩	4,912,947	₩ 2,564,783 ¥	<b>¥</b> 8,138,870	
Sales recognized over time		259,118	746,918	333,572	1,088,338	
	₩	2,097,344	5,659,865	₩ 2,898,355	<del>¥</del> 9,227,208	

#### 22. CLASSIFICATION OF EXPENSES BY NATURE:

Expenses by nature for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

_	2024	4	2023		
	Three months	Nine months	Three months	Nine months	
Changes in inventories of merchandise, finished goods, semifinished goods and work in process	₩ 52,511	₩ 84,472	₩ (165,790) ₹	₩ (351,706)	
Raw materials and consumables used	1,105,570	3,036,520	1,765,827	6,127,003	
Purchase of merchandise	195,117	497,687	379,399	786,832	
Employee benefit expenses	344,099	1,026,142	340,233	1,003,044	
Advertising expenses	6,214	16,162	5,644	15,389	
Freight expenses	17,670	25,826	6,603	18,381	
Commission expenses	273,586	711,397	170,881	446,643	
Depreciation and amortization	132,739	385,702	108,474	317,560	
Rent expenses and usage fee	2,345	7,644	2,455	7,467	
Transfers to provisions for service warranties	279,165	527,627	26,910	236,135	
Other expenses	409,864	960,584	310,050	919,557	
: -	₩ 2,818,880	₩ 7,279,763	₩ 2,950,686	<del>₹ 9,526,305</del>	

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

Details of employee benefit expenses for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		202	4	2023		
	Three months		Nine months	Three months	Nine months	
Wages and salaries	₩	277,118	₩ 825,104	₩ 281,797	₩ 832,658	
Retirement benefits: Defined benefit plan		21,552	64,656	16,437	49,310	
Retirement benefits: Defined contribution plan		461	1,668	688	1,471	
Others		44,968	134,714	41,311	119,605	
	₩	344,099	₩ 1,026,142	₩ 340,233	₩ 1,003,044	

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

#### 24. FINANCE INCOME AND COSTS:

Details of finance income and costs for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		20	24	2023			
	Thre	ee months	Nine months	Three months	Nine months		
Finance income:							
Interest income (*1)	₩	26,941 ₹	₹ 63,222	₩ 19,313	₩ 92,175		
Exchange differences		157,098	303,113	47,135	345,165		
Gain on derivative instruments		(99,214)	90,197	26,163	65,867		
Gain on disposal of financial assets at FVPL		502	728		<del>_</del>		
	₩	<u>85,327</u> ₹	₹ 457,260	₩ 92,611	₩ 503,207		
Finance costs:							
Interest expense (*2)	₩	76,524 ₹	₹ 169,151	₩ 20,190	₩ 44,097		
Exchange differences		(71,744)	217,209	113,003	421,574		
Loss on derivative instruments		110,315	110,315	7,704	7,704		
	₩	115,095 ₹	<i>₹</i> 496,675	₩ 140,897	₩ 473,375		

<sup>(\*1)</sup> Details of interest income for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024	<u> </u>	2023			
	_Thre	ee months	Nine months	Three months	Nine months		
Cash and cash equivalents and others	₩	25,326 ₩	₹ 58,200	₩ 17,658	₩ 87,167		
Other loans and receivables		1,615	5,022	1,655	5,008		
	₩	26,941 ₩	₹ 63,222	₩ 19,313	₩ 92,175		

<sup>(\*2)</sup> Details of interest expense for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		202	24	2023			
	Thre	ee months	Nine months	Three months	Nine months		
Interest on lease liabilities	₩	579	₩ 1,669	₩ 262	₩ 710		
Interest on debentures		84,530	190,126	25,193	53,281		
Other interest expenses		1	1	-	14		
Capitalized interest for qualifying assets		(8,586)	(22,645)	(5,265)	(9,908)		
	$\overline{\mathbb{W}}$	76,524	₩ 169,151	₩ 20,190	₩ 44,097		

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

# 25. OTHER NON-OPERATING INCOME:

Details of other non-operating income for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		20:	24	2023			
	Three	months	Nine months	Three months	Nine months		
Exchange differences	₩	4,405	₩ 238,142	₩ 121,410	₩ 349,235		
Gain on disposal of property, plant and equipment		570	866	131	491		
Gain on disposal of intangible assets		-	-	-	191		
Dividend income		266,882	797,552	-	329,775		
Others		7,882	22,567	9,122	25,400		
	₩	279,739	₩ 1,059,127	₩ 130,663	₩ 705,092		

#### 26. OTHER NON-OPERATING EXPENSES:

Details of other non-operating expenses for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

	2	024	2023			
	Three months	Nine months	Three months	Nine months		
Exchange differences	₩ 63,980	₩ 166,980	₩ 105,646	₩ 274,640		
Loss on disposal of property, plant and equipment	17,030	29,368	9,637	17,372		
Loss on disposal of intangible assets	175	329	1	14		
Impairment and loss on disposal of investments in associates	-	-	-	27,137		
Donations	309	5,873	833	4,662		
Others	(197)	7,199	326	5,215		
	₩ 81,297	₩ 209,749	<u>₩ 116,443</u>	₩ 329,040		

Notes to the interim condensed separate financial statements As of September 30, 2024, and December 31, 2023, and For the three-month and nine-month periods ended September 30, 2024 and 2023

# 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 PER SHARE:

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

(1) Basic earnings per ordinary share for the three-month and nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024			2023			
	Th	ree months		Nine Months	Th	ree months	N	ine Months
Profits attributable to ordinary shares of the parent company	₩	(255,045)	₩	(505,542)	₩	(86,909)	₩	69,348
Weighted-average number of ordinary shares outstanding		234,000,000		234,000,000		234,000,000		234,000,000
Basic earnings per ordinary share (in Korean won)	₩	(1,089)	₩	(2,160)	₩	(372)	₩	296

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

#### 29. RELATED-PARTY TRANSACTIONS:

- (1) As of September 30, 2024, 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 Company or have receivable and payable balances, other than separate subsidiaries, associates and joint ventures (see Note 10), as of September 30, 2024, 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 MATERIALS (WUXI) Co., Ltd. and others	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, Inc.	Nanumnuri 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. and others	LG UPLUS FUND I LLC and others	
HS AD Inc.		GIIR America Inc. and others	
Mintech Co., Ltd. (*2)			

<sup>(\*1)</sup> Although these entities are not the related parties of the Company in accordance with K-IFRS 1024, these entities belong to a large enterprise group in accordance with the Monopoly Regulation and Fair Trade Act.

<sup>(\*2)</sup> 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 (Fair Value Through Profit or Loss), taking into account the nature of the shares held and K-IFRS 1109.

(3) Transactions with related parties for the nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

				2024					
			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.	₩	36,142	₩ 36,762	₩ - ₩		15 ₩	2,012		
Subsidiaries:									
LG Energy Solution (Nanjing) Co., Ltd.		932,792	1,381,793	-		-	62		
LG Energy Solution Michigan, Inc.		196,059	529	-		-	29,889		
LG Energy Solution Battery (Nanjing) Co., Ltd.		43,663	368,902	-		-	-		
LG Energy Solution Wroclaw sp. z o.o.		477,350	10,282	-		-	3,447		
LG Energy Solution Australia Pty Ltd.		(195)	-	-		-	31,215		
LG Energy Solution Technology (Nanjing) Co., Ltd.		41,916	1,247,817	-		-	361		
Ultium Cells LLC		97,879	-	-		-	-		
LG Energy Solution Europe GmbH		11,416	-	-		-	46,930		
LG Energy Solution (Taiwan), Ltd.		-	-	-		-	2,220		
Areum noori Co., Ltd.		11	-	-		-	9,319		
LG Energy Solution Vertech Inc.		358,000	-	-		-	94,393		
L-H Battery Company, Inc.		2,652	-	-		-	-		
LG Energy Solution India Private Ltd.		-	-	-		_	985		
LG Energy Solution Japan Co., Ltd.		-	-	-		_	853		
HL-GA BATTERY COMPANY LLC		479	-	-		-	-		
PT. HLI Green Power (*1)		6,355	29	-		-	128		
NextStar Energy Inc.		3,449	80	-		-	-		
Associates and joint ventures:									
PT. HLI Green Power (*1)		38,094	363	-		-	6,393		
Sama Aluminium		-	896	-		-	-		
Nexpo Co., Ltd.		-	60	-		-	-		
Other related parties:									
LG Corp.		-	-	-		-	29,412		
LEYOU NEW ENERGY MATERIALS (WUXI) Co., Ltd.		-	18,330	-		-	-		
LG HY BCM Co., Ltd.		-	673	-		_	-		
Techwin, Inc.		-	-	1,445		-	33		
LG Management Development Institute		-	-	-		-	25,589		
D&O Co., Ltd. and its subsidiaries		64	-	3,726		-	3,163		
LG CNS Co., Ltd. and its subsidiaries		20,145	33	206,279		_	102,564		
Others		-	-	-		-	795		
Others:									
LG Electronics Inc., Ltd. and its subsidiaries		123,503	11,777	45,033		-	13,303		
Xi C&A and its subsidiaries (*2)		-	2,725			_	70		
S&I Corporation (*2)		-	3,027			-	18,230		
Others		29		179		13	2,392		
	₩	2,389,803	₩ 3,084,078	<u>₩ 279,441</u> <u>₩</u>	:	28 ₩	423,758		

<sup>(\*1)</sup> During the current period, the Company reclassified PT. HLI Green Power from a joint venture to a subsidiary due to amendments in the shareholders' agreement.

<sup>(\*2)</sup> The Company has been excluded from the large enterprise group after their separation from LG Group during the nine-month period ended September 30, 2024. The amount includes transactions before the separation.

LG Energy Solution, Ltd.

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				2023		
				Purchase and	lothers	
Parent:		Sales and others	Purchase of raw materials /merchandises	Acquisition of property, plant and equipment and intangibles	Interest expense	Others
	***	50.415	W 52.260	. 117	7 04	W 2.265
LG Chem, Ltd.	₩	50,415	₩ 52,269	₩ - ₩	7 24	₩ 3,365
Subsidiaries: LG Energy Solution (Nanjing) Co., Ltd.		EEE 9/E	2,286,441			1 100
		555,865 841,732	2,280, <del>44</del> 1 741		-	1,190
LG Energy Solution Michigan, Inc.		6,073	673,558		-	17,656 961
LG Energy Solution Battery (Nanjing) Co., Ltd.		*	*		-	
LG Energy Solution Wroclaw sp. z o.o.		1,456,651 51	53,866 82		-	473 12,967
LG Energy Solution Australia Pty Ltd.  LG Energy Solution Technology (Nanjing) Co., Ltd.		966	1,739,540		-	12,967
Ultium Cells LLC			1,739,340	-	-	04
		25,188	-	-	-	70.294
LG Energy Solution Europe GmbH		85,753	-	-	-	70,384
LG Energy Solution (Taiwan), Ltd.		10	-	· -	-	3,998
Areum noori Co., Ltd.			-	-	-	9 124
LG Energy Solution Vertech Inc.		2,168	-	-	-	8,124
L-H Battery Company, Inc.		62,907	-	-	-	-
Associates and joint ventures: PT. HLI Green Power		24 (20				0.512
		34,639	-	-	-	9,512
VINFAST LITHIUM BATTERY PACK LLC. (*)		256	1 000	<del>-</del>	-	-
Sama Aluminium		-	1,806		-	-
Mintech Co., Ltd.		-	-	206	-	9
Other related parties:						47.612
LG Corp.		-	-	-	-	47,613
LG Chem America, Inc.		-	-	-	-	2
HAENGBOKNURI CO., LTD.		5	-	<del>-</del>	-	560
LEYOU NEW ENERGY MATERIALS (WUXI) Co., Ltd.		-	115,866		-	-
LG HY BCM Co., Ltd.		-	28	-	-	-
Techwin, Inc.		-	-	-	-	46
LG Management Development Institute		11	-	-	-	23,322
D&O Co., Ltd. and its subsidiaries		62	-	3,392	-	2,094
LG CNS Co., Ltd. and its subsidiaries		29,607	136	158,387	-	83,253
Others		-	-	<del>-</del>	-	2,251
Others:						
LG Electronics Inc., Ltd. and its subsidiaries		134,358	45,224		-	10,710
Xi C&A and its subsidiaries		-	2,693		-	483
S&I Corporation		-	7,970		-	38,556
Others	***	34	-	473	23	
	₩	3,286,751	₩ 4,980,220	₩ 283,881	<u>† 47</u>	₩ 339,735

<sup>(\*)</sup> During the previous year, the Company disposed of its entire ownership interest, and it was excluded from the related party.

LG Energy Solution, Ltd.

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

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(4) Balances of receivables and payables from related parties as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	September 30, 2024								
		Receivables		Payables					
	Trade receivables	Other receivables	Total	Trade payables	Lease liabilities	Other payables	Total		
Parent:	receivables	receivables	Iotai	payables	nabilities	payables	Total		
LG Chem, Ltd.	₩ 136	₩ 6,511 ₩	6,647 ₩	6,006 ₩	687 ₩	2,169 ₩	8,862		
Subsidiaries:									
LG Energy Solution (Nanjing) Co., Ltd.	313	153,060	153,373	452,966	-	54,832	507,798		
LG Energy Solution Michigan, Inc.	9,344	14,427	23,771	141	-	20,119	20,260		
LG Energy Solution Battery (Nanjing) Co., Ltd.	3,306	-	3,306	83,542	-	3	83,545		
LG Energy Solution Wroclaw sp. z o.o.	84,556	153,420	237,976	5,452	-	1,049	6,501		
LG Energy Solution Australia Pty Ltd.	3,528	299	3,827	-	-	7,617	7,617		
LG Energy Solution Technology (Nanjing) Co., Ltd.	-	58	58	295,617	-	284	295,901		
Ultium Cells LLC	463	37,034	37,497	-	-	5,344	5,344		
LG Energy Solution Europe GmbH	74,924	4,810	79,734	-	-	36,067	36,067		
LG Energy Solution (Taiwan), Ltd.	-	-	-	-	-	1,072	1,072		
Areum noori Co., Ltd.	-	-	-	-	-	1,123	1,123		
LG Energy Solution Vertech Inc.	274,305	4,413	278,718	-	-	23,345	23,345		
L-H Battery Company, Inc.	-	1,187	1,187	-	-	-	-		
LG Energy Solution India Private Ltd.	-	-	-	-	-	(5)	(5)		
LG Energy Solution Japan Co., Ltd.	-	-	-	-	-	236	236		
PT. HLI Green Power (*1)	1	13,707	13,708	104	-	1,738	1,842		
NextStar Energy Inc.	-	3,421	3,421	79	-	-	79		
Associates and joint ventures:									
Sama Aluminium	-	-	-	260	-	-	260		
Nexpo Co., Ltd.	-	-	-	3	-	-	3		
Other related parties:									
LG Corp.	-	16,708	16,708	-	-	-	-		
LG HY BCM Co., Ltd.	-	-	-	1,301	-	-	1,301		
LG Management Development Institute	-	-	-	-	-	937	937		
D&O Co., Ltd. and its subsidiaries	-	-	-	-	-	2,205	2,205		
LG CNS Co., Ltd. and its subsidiaries	7,059	-	7,059	-	-	44,020	44,020		
Others:									
LG Electronics Inc., Ltd. and its subsidiaries (*2)	34,653	162	34,815	4,991	-	25,024	30,015		
Others		559	559		504	2,592	3,096		
	₩ 492,588	₩ 409,776 ₩	902,364	850,462 ₩	1,191 ₩	229,771 ₩	1,081,424		

<sup>(\*1)</sup> During the current period, the Company reclassified PT. HLI Green Power from a joint venture to a subsidiary due to amendments in the shareholders' agreement.

<sup>(\*2)</sup> Provisions for GM Bolt EV recall are not included in the balance of receivables and payables above.

LG Energy Solution, Ltd.

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			Dece	mber 31, 2023			
		Receivables			Payables		
	Trade receivables	Other receivables	Total	Trade payables	Lease liabilities	Other payables	Total
Parent:							
LG Chem, Ltd.	₩ 19,063	₩ 15,319 ₩	₹ 34,382 ₩	₹ 21,184 ₩	1,100 ₩	3,581 ₩	25,865
Subsidiaries:							
LG Energy Solution (Nanjing) Co., Ltd.	1,210	200,519	201,729	353,933	-	239	354,172
LG Energy Solution Michigan, Inc.	45,594	265,361	310,955	-	-	13,455	13,455
LG Energy Solution Battery (Nanjing) Co., Ltd.	-	479	479	69,581	-	-	69,581
LG Energy Solution Wroclaw sp. z o.o.	39,616	307,828	347,444	18,477	-	5,976	24,453
LG Energy Solution Australia Pty Ltd.	4,258	46	4,304	-	-	4,926	4,926
LG Energy Solution Technology (Nanjing) Co., Ltd.	-	-	-	364,291	-	15,644	379,935
Ultium Cells LLC	-	35,843	35,843	-	-	-	-
LG Energy Solution Europe GmbH	88,746	-	88,746	-	-	11,451	11,451
LG Energy Solution (Taiwan), Ltd.	-	-	-	-	-	634	634
Areum Noori Co., Ltd.	-	-	-	-	-	1,030	1,030
LG Energy Solution Vertech Inc.	-	1,718	1,718	-	-	666	666
L-H Battery Company, Inc.	-	1,645	1,645	-	-	-	-
LG Energy Solution India Private Ltd.	-	-	-	-	-	1,715	1,715
Associates and joint ventures:							
PT. HLI Green Power	-	4,006	4,006	-	-	45,778	45,778
Sama Aluminium	-	-	-	545	-	-	545
Other related parties:							
LG Corp.	-	-	-	-	-	15,025	15,025
LG Chem (Taiwan), Ltd.	-	-	-	-	-	1	1
LEYOU NEW ENERGY MATERIALS (WUXI) Co., Ltd.	-	-	-	14,504	-	-	14,504
Techwin, Inc.	-	-	-	-	-	2,186	2,186
LG Management Development Institute	-	-	-	-	-	680	680
D&O Co., Ltd. and its subsidiaries	-	23	23	-	-	2,771	2,771
LG CNS Co., Ltd. and its subsidiaries	7,859	108	7,967	-	-	187,718	187,718
Others	-	-	-	-	-	213	213
Others:							
LG Electronics Inc., Ltd. and its subsidiaries (*)	40,482	4,320	44,802	5,535	-	32,820	38,355
Xi C&A and its subsidiaries	-	-	-	-	-	27,320	27,320
S&I Corporation	-	-	-	-	-	35,304	35,304
Others		559	559	<u> </u>	1,006	4,713	5,719
	₩ 246,828	₩ 837,774	₹ 1,084,602 ₩	₹ 848,050 <del>\</del>	2,106 ₩	413,846 ₩	1,264,002

<sup>(\*)</sup> Provisions for GM Bolt recall are not included in the balance of receivables and payables above.

# LG Energy Solution, Ltd. Notes to the interim condensed separate financial statements As of September 30, 2024, and December 31, 2023, and For the three-month and nine-month periods ended September 30, 2024 and 2023

(5) Fund transactions with related parties for the nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

						2024					
	Dividends received	Dividends paid	coı	Equity ntribution in cash ad others		<u>Loan ti</u> Loan	ansactions		Borrowing transaction  Borrowing Repa		
Parent:											
LG Chem, Ltd.	₩ -	₩	- ₩	-	₩		- ₩	- ₩	-	₩	397
Subsidiaries:											
LG Energy Solution (Nanjing) Co., Ltd.	731,087		-	-			-	-	-		-
LG Energy Solution Technology (Nanjing) Co., Ltd.	39,789		-	-			-	-	-		-
LG Energy Solution Michigan, Inc.	-		-	1,085,085			-	-	-		-
LG Energy Solution Fund I LLC.	-		-	1,323			-	-	-		-
L-H Battery Company, Inc.	-		-	941,368			-	-	-		-
LG Energy Solution Battery (Nanjing) Co., Ltd.	26,526		-	-			-	-	-		-
LG Energy Solution Arizona ESS, Inc.	-		-	62,799			-	-	-		-
LG Energy Solution Arizona, Inc.	-		-	80,076			-	-	-		-
LG Energy Solution Japan Co., Ltd.	-		-	535			-	-	-		-
NextStar Energy Inc.	-		-	763,011			-	-	-		-
LG Energy Solution Fund II LLC	-		-	19,300			-	-	-		-
Associates and joint ventures:											
Sama Aluminium	150		-	-			-	-	-		-
Nexpo Co., Ltd.	-		-	1,900			-	-	-		-
Bricks Capital Management Global Battery Private Equity Fund I Others:	-		-	5,762			-	-	-		-
LG Household & Health Care Ltd.			_					_			491
Lo Household & Health Care Liu.	₩ 797,552	<del>W</del>	- ₩	2,961,159	<del>W</del>		<u>-</u> - ₩	- ₩		₩	888
	17 171,332	YY	- v v	4,701,139	V V			<u> -                                   </u>		y V	000

<sup>(\*)</sup> The amounts represent lease liabilities that were recognized or repaid during the nine-month period ended September 30, 2024.

LG Energy Solution, Ltd.

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

For the three-month and nine-month periods ended September 30, 2024 and 2023

Principular Princi						2023				
LG Chem, Ltd.   W   W   W   W   W   W   W   W   W				con	tribution n cash				-	
Subsidiaries:   LG Energy Solution (Nanjing) Co.,   1	Parent:									
LG Energy Solution (Nanjing) Co., Ltd.   Say,975   Say,984   Say	LG Chem, Ltd.	₩ -	- ₩	- ₩	-	₩	- ₩	- ₩	- <del>W</del>	389
Ltd.  LG Energy Solution Michigan, Inc.  LG Energy Solution Fund I LLC.  L-H Battery Company, Inc.  L-H Battery Company, Inc.  LG Energy Solution Wroclaw sp. z o.o.  LG Energy Solution Battery (Nanjing) Co., Ltd.  LG Energy Solution India Private Ltd.  LG Energy Solution Arizona ESS, Inc.  LG Energy Solution Arizona ESS, Inc.  LG Energy Solution Arizona, Inc.  NextStar Energy Inc.  LG Energy Solution Fund II LLC  Associates and joint ventures:  Sama Aluminium	Subsidiaries:									
LG Energy Solution Fund I LLC.  L-H Battery Company, Inc.  LG Energy Solution Wroclaw sp. z o.o.  LG Energy Solution Battery (Nanjing) Co., Ltd.  LG Energy Solution India Private Ltd.  LG Energy Solution India Private Ltd.  LG Energy Solution Arizona ESS, Inc.  LG Energy Solution Arizona, Inc.  NextStar Energy Inc.  LG Energy Solution Fund II LLC  Associates and joint ventures:  Sama Aluminium  A 46,575  Nexpo Co., Ltd.  Mintech Co., Ltd.  Others:  LG Household & Health Care Ltd.  A 548		329,775	;	-	-		-	-	-	-
L-H Battery Company, Inc.	LG Energy Solution Michigan, Inc.	-	-	-	839,984		-	-	-	-
LG Energy Solution Wroclaw   187,489   -	LG Energy Solution Fund I LLC.	-	-	-	14,462		-	-	-	-
sp. z o.o.       188,489       -	L-H Battery Company, Inc.	-	-	-	515,606		-	-	-	-
LG Energy Solution Battery (Nanjing) Co., Ltd.  LG Energy Solution India Private Ltd.  LG Energy Solution Arizona ESS, Inc.  LG Energy Solution Arizona, Inc.  NextStar Energy Inc.  LG Energy Solution Fund II LLC  Associates and joint ventures:  Sama Aluminium  - 46,575  NextStar Energy Inc.  - 2,374  Mintech Co., Ltd.  Others:  LG Household & Health Care Ltd.  - 480	22		-	_	187,489		-	-	-	_
Ltd.       1       503       - <td>LG Energy Solution Battery</td> <td>-</td> <td>-</td> <td>-</td> <td>37,128</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	LG Energy Solution Battery	-	-	-	37,128		-	-	-	-
Inc.       1       39,950       -			-	-	563		-	-	-	-
NextStar Energy Inc.       -       -       579,075       -	Inc.	-	-	-	39,936		-	-	-	-
LG Energy Solution Fund II LLC       -       -       1,655       -       -       -       -       -         Associates and joint ventures:         Sama Aluminium       -       -       46,575       -       -       -       -       -       -         Nexpo Co., Ltd.       -       -       2,374       -	LG Energy Solution Arizona, Inc.	-	-	-	79,054		-	-	-	-
Associates and joint ventures:         Sama Aluminium       -       -       46,575       -       -       -       -         Nexpo Co., Ltd.       -       -       2,374       -       -       -       -       -         Mintech Co., Ltd.       -       -       7,020       -       -       -       -       -         Others:         LG Household & Health Care Ltd.       -       -       -       -       -       -       480	NextStar Energy Inc.	-	-	-	579,075		-	-	-	-
Sama Aluminium       -       -       46,575       -       -       -       -       -         Nexpo Co., Ltd.       -       -       2,374       - <td>LG Energy Solution Fund II LLC</td> <td>-</td> <td>=</td> <td>-</td> <td>1,655</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	LG Energy Solution Fund II LLC	-	=	-	1,655		-	-	-	-
Nexpo Co., Ltd.       -       -       2,374       -       -       -       -         Mintech Co., Ltd.       -       -       7,020       -       -       -       -       -         Others:         LG Household & Health Care Ltd.       -       -       -       -       -       480	Associates and joint ventures:									
Mintech Co., Ltd.       -       -       7,020       -       -       -       -       -         Others:         LG Household & Health Care Ltd.       -       -       -       -       -       -       480	Sama Aluminium	-	-	-	46,575		-	-	-	-
Others:           LG Household & Health Care Ltd.         -         -         -         -         -         -         480	Nexpo Co., Ltd.	-	-	-	2,374		-	-	-	-
LG Household & Health Care Ltd 480	Mintech Co., Ltd.	-	-	-	7,020		-	-	-	-
	Others:									
$\underline{\mathbb{W}}$ 329,775 $\underline{\mathbb{W}}$ - $\underline{\mathbb{W}}$ 2,350,921 $\underline{\mathbb{W}}$ - $\underline{\mathbb{W}}$ - $\underline{\mathbb{W}}$ - $\underline{\mathbb{W}}$ - $\underline{\mathbb{W}}$ 869	LG Household & Health Care Ltd.								<u>-</u>	480
		₩ 329,775	<u>₩</u>	- ₩	2,350,921	W	<u> </u>	<u> </u>	<u> </u>	869

<sup>(\*)</sup> The amounts represent lease liabilities that were recognized or repaid during the nine-month period ended September 30, 2023.

(6) Compensation for key management of the Company for the nine-month periods ended September 30, 2024 and 2023, is as follows (Korean won in millions):

		2024	2023
Short-term employee benefits	₩	25,394 ₩	49,592
Retirement benefits		6,767	6,019
	₩	32,161 ₩	55,611

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

(7) As of September 30, 2024, the payment guarantees provided by the Company for the related parties are disclosed in Note 18.

# 30. <u>INTERIM CONDENSED SEPARATE STATEMENTS OF CASH FLOWS:</u>

(1) Details of cash generated from operations for the nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024	2023
Profit (loss) before income tax	₩	(809,935) ₩	106,787
A divistments for			
Adjustments for:		207.477	244.275
- Depreciation		287,477	244,275
- Amortization		98,225	73,285
- Retirement benefits		64,656	49,310
- Financial income		(324,448)	(573,280)
- Financial costs		402,612	178,381
- Inventory valuation loss		22,531	10,969
- Gain on disposal of property, plant and equipment		(866)	(491)
- Gain on disposal of intangible assets		-	(191)
- Loss on disposal of property, plant and equipment		29,368	17,372
- Loss on disposal of intangible assets		329	14
- Impairment loss on property, plant and equipment		6,848	-
- Loss on disposal of investments in associates and joi	nt		27 127
ventures		-	27,137
- Contribution to provisions		537,988	335,747
- Dividend income		(797,552)	-
- Other income and expenses		723	51,575
- Changes in inventories		(417,050)	(274,556)
- Changes in trade receivables		240,990	180,460
- Changes in other receivables		555,490	(137,787)
- Changes in other current assets		(6,223)	(25,444)
- Changes in trade payables		69,822	290,568
- Changes in other payables		(36,922)	(83,653)
- Changes in other current liabilities		214,286	(273,855)
- Changes in net defined benefit liabilities		19	7,604
- Changes in provisions		(301,467)	(680,277)
- Changes in other operating activities		-	1,184
Cash generated from operations	₩	(163,099) ₩	(474,866)
Cash Senerated from operations	V V	(103,077)	(7/7,000)

Notes to the interim condensed separate financial statements

As of September 30, 2024, and December 31, 2023, and

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(2) Changes in liabilities from financing activities for the nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

			Cash flow	s _		2024					
			from financing I		Reclassification of			Lease	Exchange differences		
	В	eginning	activities		current portion	Amortization	<u> </u>	iabilities	and others		Ending
Short-term borrowings	₩	26,523	₩ (23,59	₩ (00	₹ 31,355	₩	- ₩	_	₩ -	₩	34,288
Long-term borrowings		33,094		-	(31,355)		-	35,523	-		37,262
Debentures		3,760,184	4,330,0	54		6,04	<u> 8</u>		(61,154)		8,035,132
	₩	3,819,801	₩ 4,306,4	64 ₩	∀ -	₩ 6,04	18 ₩	35,523	₩ (61,154)	₩	8,106,682

			(	Cash flows 2023										
			1			Reclassification of			Lease		Exchange differences			
	В	eginning		activities	c	current portion	An	<u> 1ortization</u>	li	abilities	ar	nd others		Ending
Short-term borrowings	₩	16,037	₩	(12,989)	₩	21,441	₩	-	₩	-	₩	-	₩	24,489
Long-term borrowings		41,986		-		(21,441)		-		16,009		-		36,554
Debentures		2,135,034		1,597,493				2,121				134,296		3,868,944
	₩	2,193,057	₩	1,584,504	₩	<u> </u>	₩	2,121	₩	16,009	₩	134,296	₩	3,929,987

(3) Significant non-cash transactions for the nine-month periods ended September 30, 2024 and 2023, are as follows (Korean won in millions):

		2024	2023		
Reclassification of construction in progress	₩	467,831	₩ 565,157		
Changes in other payables related to acquisition of property, plant and equipment and intangible assets		(283,641)	(175,574)		
Reclassification of debentures into current portion		124,866	-		
Reclassification of investments in joint venture to subsidiaries		209,133	-		
Reclassification of machinery in transit		12,534	9,038		
Reclassification of dividend receivables into investments in		-	37,128		

#### 31. <u>LIABILITIES RELATED TO CONTRACTS WITH CUSTOMERS:</u>

(1) Liabilities related to contracts with customers as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	Septe	ember 30, 2024	<b>December 31, 2023</b>
Contract liabilities:			
Advances from customers received as part of the Company's main business activities	₩	74,400	W 74,886
Expected customer incentives		1,336	1,660
Unearned revenue		315,397	46,425
	₩	391,133	₩ 122,971

Notes to the interim condensed separate financial statements

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(2) Revenue recognized in relation to contract liabilities

Revenue recognized from the carried-forward contract liabilities for the three-month and nine-month periods ended September 30, 2024 and 2023, is as follows (Korean won in millions):

		202	4		2023				
	Three	months	Nine m	onths	Three	months	Nine 1	nonths	
Revenue recognized in the period from									
the beginning contract liabilities:									
Revenue in relation to advances from customers									
received as part of the Company's main business activities	₩	16,288	₩	37,773	₩	93,435	₩	114,357	
Unearned revenue		12,988		34,913		11,785		35,027	
	₩	29,276	₩	72,686	₩	105,220	₩	149,384	

#### 32. <u>INVESTMENT PROPERTIES:</u>

(1) Details of investment properties as of September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

				<b>Septembe</b>	r 30, 202	4						Decembe	r 31,	2023		
	Acquisition Accumulated		Accumi	ılated			Ac	quisition	Ac	cumulated	Ac	cumulated				
		cost	depr	eciation	impair	ment	Book val	ue		cost	de	preciation	in	<u>ipairment</u>	Boo	k value
Buildings	₩	279,995	₩	(79,798)	₩	(1,629)	₩ 198	,568	₩	296,079	₩	(81,948)	₩	(1,721)	₩	212,410
Land		274		(11)		(35)		228		283		(8)		(35)		240
	₩	280,269	₩	(79,809)	₩	(1,664)	₩ 198	,796	₩	296,362	₩	(81,956)	₩	(1,756)	₩	212,650

(2) Changes in investment properties for the nine-month period ended September 30, 2024, and the year ended December 31, 2023, are as follows (Korean won in millions):

		2024		2023	
	Land		Buildings	Land	Buildings
Beginning	₩	240 ₩	212,410 ₩	245 ₩	213,044
Acquisition/transfer		-	794	-	6,501
Disposal/transfer		(9)	(10,141)	-	(1,112)
Depreciation		(3)	(4,495)	(5)	(6,023)
Ending	$\overline{\mathbb{W}}$	228 ₩	198,568 ₩	240 ₩	212,410

(3) The fair value of investment properties is measured either by independent professional appraisers with certified qualification 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 September 30, 2024, is \(\pmu241,145\) million (as of December 31, 2023, was \(\pmu245,385\) million).

Rental income from investment properties under operating lease for the nine-month period ended September 30, 2024, is \W5,801 million, and operating expenses incurred for investment properties that generated rental income (including maintenance and repair expenses) for the nine-month period ended September 30, 2024, are \W4,498 million.

# LG Energy Solution, Ltd. Notes to the interim condensed separate financial statements As of September 30, 2024, and December 31, 2023, and For the three-month and nine-month periods ended September 30, 2024 and 2023

### (4) Operating lease

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

Although the Company is exposed to changes in the residual value at the end of the current leases, the Company typically enters into new operating leases and, therefore, will not immediately realize any reduction in residual value at the end of these leases. Expectations about the 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 September 30, 2024, and December 31, 2023, are as follows (Korean won in millions):

	<u>Septem</u>	ber 30, 2024 De	cember 31, 2023
Less than one year	₩	3,292 ₩	160
Between one year and two years		1,806	151
Between two and five years		625	299
	₩	5,723 ₩	610