UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended March 31, 2023

OR

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from to

Commission File Number: 1-13199 (SL Green Realty Corp.)

Commission File Number: 33-167793-02 (SL Green Operating Partnership, L.P.)

SL GREEN REALTY CORP.
SL GREEN OPERATING PARTNERSHIP, L.P.

(Exact name of registrant as specified in its charter)

SL Green Realty Corp.	**Maryland**	**13-3956775**
SL Green Operating Partnership, L.P.	**Delaware**	**13-3960938**
	(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)

One Vanderbilt Avenue, New York, NY 10017
(Address of principal executive offices—Zip Code)

(212) 594-2700
(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

SL Green Realty Corp. Yes ☒ No ☐ SL Green Operating Partnership, L.P. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

SL Green Realty Corp. Yes ☒ No ☐ SL Green Operating Partnership, L.P. Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

SL Green Realty Corp.

Large accelerated filer	☒	Accelerated filer	☐
Non-accelerated filer	☐		
Smaller Reporting Company	☐	Emerging Growth Company	☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

SL Green Operating Partnership, L.P.

Large accelerated filer	☐	Accelerated filer	☐
Non-accelerated filer	☒		
Smaller Reporting Company	☐	Emerging Growth Company	☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act).

SL Green Realty Corp. Yes ☐ No ☒ SL Green Operating Partnership, L.P. Yes ☐ No ☒

Securities registered pursuant to Section 12(b) of the Act:

Registrant	Trading Symbol	Title of Each Class	Name of Each Exchange on Which Registered
SL Green Realty Corp.	SLG	Common Stock, $0.01 par value	New York Stock Exchange
SL Green Realty Corp.	SLG.PRI	6.500% Series I Cumulative Redeemable Preferred Stock, $0.01 par value	New York Stock Exchange

As of May 4, 2023, 64,375,527 shares of SL Green Realty Corp.'s common stock, par value $0.01 per share, were outstanding. As of May 4, 2023, 306,987 common units of limited partnership interest of SL Green Operating Partnership, L.P. were held by non-affiliates. There is no established trading market for such units.

EXPLANATORY NOTE

This report combines the quarterly reports on Form 10-Q for the period ended March 31, 2023 of SL Green Realty Corp. and SL Green Operating Partnership, L.P. Unless stated otherwise or the context otherwise requires, references to "SL Green Realty Corp.," the "Company" or "SL Green" mean SL Green Realty Corp. and its consolidated subsidiaries, including SL Green Operating Partnership, L.P.; and references to "SL Green Operating Partnership, L.P.," the "Operating Partnership" or "SLGOP" mean SL Green Operating Partnership, L.P. and its consolidated subsidiaries. The terms "we," "our" and "us" mean the Company and all the entities owned or controlled by the Company, including the Operating Partnership.

The Company is a Maryland corporation which operates as a self-administered and self-managed real estate investment trust, or REIT, and is the sole managing general partner of the Operating Partnership. As a general partner of the Operating Partnership, the Company has full, exclusive and complete responsibility and discretion in the day-to-day management and control of the Operating Partnership.

As of March 31, 2023, the Company owns 93.82% of the outstanding general and limited partnership interest in the Operating Partnership and owns 9,200,000 Series I Preferred Units of the Operating Partnership. As of March 31, 2023, noncontrolling investors held, in aggregate, a 6.18% limited partnership interest in the Operating Partnership. We refer to these interests as the noncontrolling interests in the Operating Partnership.

The Company and the Operating Partnership are managed and operated as one entity. The financial results of the Operating Partnership are consolidated into the financial statements of the Company. The Company has no significant assets other than its investment in the Operating Partnership. Substantially all of our assets are held by, and our operations are conducted through, the Operating Partnership. Therefore, the assets and liabilities of the Company and the Operating Partnership are substantially the same.

Noncontrolling interests in the Operating Partnership, stockholders' equity of the Company and partners' capital of the Operating Partnership are the main areas of difference between the consolidated financial statements of the Company and those of the Operating Partnership. The common limited partnership interests in the Operating Partnership not owned by the Company are accounted as noncontrolling interests, within mezzanine equity, in the Company's and the Operating Partnership's consolidated financial statements.

We believe combining the quarterly reports on Form 10-Q of the Company and the Operating Partnership into this single report results in the following benefits:

- Combined reports enhance investors' understanding of the Company and the Operating Partnership by enabling investors to view the business as a whole in the same manner as management views and operates the business;
- Combined reports eliminate duplicative disclosure and provides a more streamlined and readable presentation since a substantial portion of the Company's disclosure applies to both the Company and the Operating Partnership; and
- Combined reports create time and cost efficiencies through the preparation of one combined report instead of two separate reports.

To help investors understand the significant differences between the Company and the Operating Partnership, this report presents the following separate sections for each of the Company and the Operating Partnership:

- consolidated financial statements; and
- the following notes to the consolidated financial statements:
    - Note 11, Noncontrolling Interests on the Company’s Consolidated Financial Statements;
    - Note 12, Stockholders' Equity of the Company; and
    - Note 13, Partners' Capital of the Operating Partnership.

This report also includes separate Part I, Item 4. Controls and Procedures sections and separate Exhibit 31 and 32 certifications for each of the Company and the Operating Partnership, respectively, in order to establish that the Chief Executive Officer and the Chief Financial Officer of the Company, in both their capacity as the principal executive officer and principal financial officer of the Company and the principal executive officer and principal financial officer of the general partner of the Operating Partnership, have made the requisite certifications and that the Company and the Operating Partnership are compliant with Rule 13a-15 and Rule 15d-15 of the Securities Exchange Act of 1934, as amended, or the Exchange Act.

SL GREEN REALTY CORP. AND SL GREEN OPERATING PARTNERSHIP, L.P.

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SL GREEN REALTY CORP. AND SL GREEN OPERATING PARTNERSHIP, L.P.

PART I FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

SL Green Realty Corp.
Consolidated Balance Sheets
(in thousands)

	March 31, 2023 (unaudited)	December 31, 2022
Assets		
Commercial real estate properties, at cost:		
Land and land interests	**$ 1,576,927**	$ 1,576,927
Building and improvements	**4,940,138**	4,903,776
Building leasehold and improvements	**1,700,376**	1,691,831
Right of use asset - operating leases	**1,026,265**	1,026,265
	9,243,706	9,198,799
Less: accumulated depreciation	**(2,100,804)**	(2,039,554)
	7,142,902	7,159,245
Cash and cash equivalents	**158,937**	203,273
Restricted cash	**198,325**	180,781
Investments in marketable securities	**10,273**	11,240
Tenant and other receivables	**36,289**	34,497
Related party receivables	**26,794**	27,352
Deferred rents receivable	**266,567**	257,887
Debt and preferred equity investments, net of discounts and deferred origination fees of $1,689 and $1,811 and allowances of $13,520 and $6,630 in 2023 and 2022, respectively	**626,803**	623,280
Investments in unconsolidated joint ventures	**3,164,729**	3,190,137
Deferred costs, net	**117,602**	121,157
Other assets	**592,898**	546,945
Total assets [(1)]	**$ 12,342,119**	$ 12,355,794
Liabilities		
Mortgages and other loans payable, net	**$ 3,226,781**	$ 3,227,563
Revolving credit facility, net	**483,601**	443,217
Unsecured term loans, net	**1,667,114**	1,641,552
Unsecured notes, net	**99,718**	99,692
Accrued interest payable	**16,049**	14,227
Other liabilities	**282,958**	236,211
Accounts payable and accrued expenses	**150,873**	154,867
Deferred revenue	**264,852**	272,248
Lease liability - financing leases	**104,544**	104,218
Lease liability - operating leases	**892,984**	895,100
Dividend and distributions payable	**21,768**	21,569
Security deposits	**50,585**	50,472
Junior subordinated deferrable interest debentures held by trusts that issued trust preferred securities	**100,000**	100,000
Total liabilities [(1)]	**7,361,827**	7,260,936

SL Green Realty Corp.
Consolidated Balance Sheets
(in thousands)

	March 31, 2023	December 31, 2022
	(unaudited)	
Commitments and contingencies		
Noncontrolling interests in Operating Partnership	**273,175**	269,993
Preferred units	**177,943**	177,943
Equity		
SL Green stockholders' equity:		
Series I Preferred Stock, $0.01 par value, $25.00 liquidation preference, 9,200 issued and outstanding at both March 31, 2023 and December 31, 2022	**221,932**	221,932
Common stock, $0.01 par value, 160,000 shares authorized and 65,433 and 65,440 issued and outstanding at March 31, 2023 and December 31, 2022, respectively (including 1,060 and 1,060 shares held in treasury at March 31, 2023 and December 31, 2022, respectively)	**656**	656
Additional paid-in-capital	**3,798,101**	3,790,358
Treasury stock at cost	**(128,655)**	(128,655)
Accumulated other comprehensive income	**19,428**	49,604
Retained earnings	**549,024**	651,138
Total SL Green stockholders' equity	**4,460,486**	4,585,033
Noncontrolling interests in other partnerships	**68,688**	61,889
Total equity	**4,529,174**	4,646,922
Total liabilities and equity	**$ 12,342,119**	$ 12,355,794

(1) The Company's consolidated balance sheets include assets and liabilities of consolidated variable interest entities ("VIEs"). See Note 2. The consolidated balance sheets include the following amounts related to our consolidated VIEs, excluding the Operating Partnership: $41.2 million and $41.2 million of land, $40.1 million and $41.0 million of building and improvements, $— million and $— million of building and leasehold improvements, $— million and $— million of right of use assets, $4.6 million and $4.4 million of accumulated depreciation, $670.7 million and $599.2 million of other assets included in other line items, $49.9 million and $49.8 million of real estate debt, net, $0.2 million and $0.2 million of accrued interest payable, $— million and $— million of lease liabilities, and $179.3 million and $146.4 million of other liabilities included in other line items as of March 31, 2023 and December 31, 2022, respectively.

The accompanying notes are an integral part of these consolidated financial statements.

SL Green Realty Corp.
Consolidated Statements of Operations
(unaudited, in thousands, except per share data)

	Three Months Ended March 31,	
	2023	**2022**
Revenues		
Rental revenue, net	**$ 195,042**	$ 156,031
Investment income	**9,057**	19,888
Other income	**19,476**	12,045
Total revenues	**223,575**	187,964
Expenses		
Operating expenses, including related party expenses of $1 in 2023, and $2,523 in 2022	**52,064**	42,583
Real estate taxes	**41,383**	30,747
Operating lease rent	**6,301**	6,564
Interest expense, net of interest income	**41,653**	15,070
Amortization of deferred financing costs	**2,021**	1,948
Depreciation and amortization	**78,548**	46,983
Loan loss and other investment reserves, net of recoveries	**6,890**	—
Transaction related costs	**884**	28
Marketing, general and administrative	**23,285**	24,776
Total expenses	**253,029**	168,699
Equity in net loss from unconsolidated joint ventures	**(7,412)**	(4,715)
Equity in net loss on sale of interest in unconsolidated joint venture/real estate	**(79)**	—
Purchase price and other fair value adjustments	**239**	(63)
Loss on sale of real estate, net	**(1,651)**	(1,002)
Net (loss) income	**(38,357)**	13,485
Net loss (income) attributable to noncontrolling interests:		
Noncontrolling interests in the Operating Partnership	**2,337**	(492)
Noncontrolling interests in other partnerships	**1,625**	143
Preferred units distributions	**(1,598)**	(1,647)
Net (loss) income attributable to SL Green	**(35,993)**	11,489
Perpetual preferred stock dividends	**(3,738)**	(3,738)
Net (loss) income attributable to SL Green common stockholders	**$ (39,731)**	$ 7,751
Basic (loss) earnings per share	**$ (0.63)**	$ 0.12
Diluted (loss) earnings per share	**$ (0.63)**	$ 0.11
Basic weighted average common shares outstanding	**64,079**	64,349
Diluted weighted average common shares and common share equivalents outstanding	**68,182**	70,228

The accompanying notes are an integral part of these consolidated financial statements.

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SL Green Realty Corp.
Consolidated Statements of Comprehensive (Loss) Income
(unaudited, in thousands)

	Three Months Ended March 31,	
	2023	**2022**
Net (loss) income	**$ (38,357)**	$ 13,485
Other comprehensive (loss) income:		
(Decrease) increase in unrealized value of derivative instruments, including SL Green's share of joint venture derivative instruments	**(31,059)**	43,567
Decrease in unrealized value of marketable securities	**(968)**	(1,793)
Other comprehensive (loss) income	**(32,027)**	41,774
Comprehensive (loss) income	**(70,384)**	55,259
Net loss (income) attributable to noncontrolling interests and preferred units distributions	**2,364**	(1,996)
Other comprehensive loss (income) attributable to noncontrolling interests	**1,851**	(2,277)
Comprehensive (loss) income attributable to SL Green	**$ (66,169)**	$ 50,986

The accompanying notes are an integral part of these consolidated financial statements.

SL Green Realty Corp.
Consolidated Statements of Equity
(unaudited, in thousands, except per share data)

	SL Green Realty Corp. Stockholders								
		Common Stock							
	Series I Preferred Stock	Shares	Par Value	Additional Paid-In-Capital	Treasury Stock	Accumulated Other Comprehensive Income	Retained Earnings	Noncontrolling Interests	Total
Balance at December 31, 2022	$ 221,932	64,380	$ 656	$ 3,790,358	$ (128,655)	$ 49,604	$ 651,138	$ 61,889	$ 4,646,922
Net loss							(35,993)	(1,625)	(37,618)
Other comprehensive loss						(30,176)			(30,176)
Preferred dividends							(3,738)		(3,738)
DRSPP proceeds		5		184					184
Reallocation of noncontrolling interest in the Operating Partnership							(10,147)		(10,147)
Deferred compensation plan and stock awards, net of forfeitures and tax withholdings		(12)		7,559					7,559
Contributions to consolidated joint venture interests								8,560	8,560
Cash distributions to noncontrolling interests								(136)	(136)
Cash distributions declared ($0.812 per common share, none of which represented a return of capital for federal income tax purposes)							(52,236)		(52,236)
Balance at March 31, 2023	$ 221,932	64,373	$ 656	$ 3,798,101	$ (128,655)	$ 19,428	$ 549,024	$ 68,688	$ 4,529,174

	SL Green Realty Corp. Stockholders								
		Common Stock							
	Series I Preferred Stock	Shares	Par Value	Additional Paid-In-Capital	Treasury Stock	Accumulated Other Comprehensive Loss	Retained Earnings	Noncontrolling Interests	Total
Balance at December 31, 2021	$ 221,932	64,105	$ 672	$ 3,739,409	$ (126,160)	$ (46,758)	$ 975,781	$ 13,377	$ 4,778,253
Net income							11,489	(143)	11,346
Other comprehensive income						39,497			39,497
Preferred dividends							(3,738)		(3,738)
DRSPP proceeds		1		89					89
Reallocation of noncontrolling interest in the Operating Partnership							(43,023)		(43,023)
Deferred compensation plan and stock awards, net of forfeitures and tax withholdings		28	1	5,055					5,056
Repurchases of common stock		(1,971)	(20)	(114,979)			(36,198)		(151,197)
Cash distributions to noncontrolling interests								(123)	(123)
Issuance of special dividend paid primarily in stock		1,961		163,115	(2,495)				160,620
Cash distributions declared ($0.932 per common share, none of which represented a return of capital for federal income tax purposes)							(57,665)		(57,665)
Balance at March 31, 2022	$ 221,932	64,124	$ 653	$ 3,792,689	$ (128,655)	$ (7,261)	$ 846,646	$ 13,111	$ 4,739,115

The accompanying notes are an integral part of these consolidated financial statements.

SL Green Realty Corp.
Consolidated Statements of Cash Flows
(unaudited, in thousands, except per share data)

	Three Months Ended March 31,	
	2023	**2022**
Operating Activities		
Net (loss) income	**$ (38,357)**	$ 13,485
Adjustments to reconcile net (loss) income to net cash provided by operating activities:		
Depreciation and amortization	**80,569**	48,931
Equity in net loss from unconsolidated joint ventures	**7,412**	4,715
Distributions of cumulative earnings from unconsolidated joint ventures	**258**	188
Equity in net loss on sale of interest in unconsolidated joint venture interest/real estate	**79**	—
Purchase price and other fair value adjustments	**(239)**	63
Loss on sale of real estate, net	**1,651**	1,002
Loan loss reserves and other investment reserves, net of recoveries	**6,890**	—
Deferred rents receivable	**(7,431)**	(546)
Non-cash lease expense	**5,261**	6,043
Other non-cash adjustments	**(3,271)**	(6,964)
Changes in operating assets and liabilities:		
Tenant and other receivables	**(969)**	13,673
Related party receivables	**577**	(2,335)
Deferred lease costs	**(3,911)**	(4,240)
Other assets	**(11,160)**	(25,076)
Accounts payable, accrued expenses, other liabilities and security deposits	**4,656**	28,049
Deferred revenue	**2,450**	3,550
Lease liability - operating leases	**(2,116)**	864
Net cash provided by operating activities	**42,349**	81,402
Investing Activities		
Additions to land, buildings and improvements	**(61,918)**	(61,680)
Acquisition deposits and deferred purchase price	**—**	(15,000)
Investments in unconsolidated joint ventures	**(22,985)**	(11,399)
Distributions in excess of cumulative earnings from unconsolidated joint ventures	**41,812**	16,089
Net proceeds from disposition of real estate/joint venture interest	**—**	91,994
Other investments	**(17,700)**	209
Origination of debt and preferred equity investments	**(5,578)**	(13,122)
Repayments or redemption of debt and preferred equity investments	**—**	6,405
Net cash (used in) provided by investing activities	**(66,369)**	13,496

SL Green Realty Corp.
Consolidated Statements of Cash Flows
(unaudited, in thousands, except per share data)

	Three Months Ended March 31,	
	2023	**2022**
Financing Activities		
Proceeds from mortgages and other loans payable	—	5,309
Repayments of mortgages and other loans payable	**(1,473)**	(55,715)
Proceeds from revolving credit facility and unsecured notes	**143,000**	320,000
Repayments of revolving credit facility and unsecured notes	**(78,000)**	(210,000)
Proceeds from stock options exercised and DRSPP issuance	**184**	89
Repurchase of common stock	—	(151,197)
Redemption of preferred stock	—	(17,967)
Redemption of OP units	**(5,220)**	(18,272)
Distributions to noncontrolling interests in other partnerships	**(136)**	(123)
Contributions from noncontrolling interests in other partnerships	**426**	—
Distributions to noncontrolling interests in the Operating Partnership	**(3,822)**	(4,415)
Dividends paid on common and preferred stock	**(57,373)**	(66,339)
Other obligations related to secured borrowing	—	77,874
Tax withholdings related to restricted share awards	—	(3,888)
Deferred loan costs	**(358)**	80
Net cash used in financing activities	**(2,772)**	(124,564)
Net decrease in cash, cash equivalents, and restricted cash	**(26,792)**	(29,666)
Cash, cash equivalents, and restricted cash at beginning of year	**384,054**	336,984
Cash, cash equivalents, and restricted cash at end of period	**$ 357,262**	$ 307,318
Supplemental Disclosure of Non-Cash Investing and Financing Activities:		
Issuance of special dividend paid primarily in stock	**$ —**	$ 160,620
Tenant improvements and capital expenditures payable	—	8,700
Fair value adjustment to noncontrolling interest in the Operating Partnership	**10,147**	43,023
Contribution to consolidated joint venture interest	**8,134**	—
Removal of fully depreciated commercial real estate properties	**4,247**	651

The following table provides a reconciliation of cash, cash equivalents, and restricted cash reported within the consolidated balance sheets that sum to the total of the same such amounts shown in the consolidated statements of cash flows.

	Three Months Ended March 31,	
	2023	**2022**
Cash and cash equivalents	**$ 158,937**	$ 223,674
Restricted cash	**198,325**	83,644
Total cash, cash equivalents, and restricted cash	**$ 357,262**	$ 307,318

The accompanying notes are an integral part of these consolidated financial statements.

SL Green Operating Partnership, L.P.
Consolidated Balance Sheets
(in thousands)

	March 31, 2023	December 31, 2022
	(unaudited)	
Assets		
Commercial real estate properties, at cost:		
Land and land interests	$ 1,576,927	$ 1,576,927
Building and improvements	4,940,138	4,903,776
Building leasehold and improvements	1,700,376	1,691,831
Right of use asset - operating leases	1,026,265	1,026,265
	9,243,706	9,198,799
Less: accumulated depreciation	(2,100,804)	(2,039,554)
	7,142,902	7,159,245
Cash and cash equivalents	158,937	203,273
Restricted cash	198,325	180,781
Investments in marketable securities	10,273	11,240
Tenant and other receivables	36,289	34,497
Related party receivables	26,794	27,352
Deferred rents receivable	266,567	257,887
Debt and preferred equity investments, net of discounts and deferred origination fees of $1,689 and $1,811 and allowances of $13,520 and $6,630 in 2023 and 2022, respectively	626,803	623,280
Investments in unconsolidated joint ventures	3,164,729	3,190,137
Deferred costs, net	117,602	121,157
Other assets	592,898	546,945
Total assets (1)	$ 12,342,119	$ 12,355,794
Liabilities		
Mortgages and other loans payable, net	$ 3,226,781	$ 3,227,563
Revolving credit facility, net	483,601	443,217
Unsecured term loans, net	1,667,114	1,641,552
Unsecured notes, net	99,718	99,692
Accrued interest payable	16,049	14,227
Other liabilities	282,958	236,211
Accounts payable and accrued expenses	150,873	154,867
Deferred revenue	264,852	272,248
Lease liability - financing leases	104,544	104,218
Lease liability - operating leases	892,984	895,100
Dividend and distributions payable	21,768	21,569
Security deposits	50,585	50,472
Junior subordinated deferrable interest debentures held by trusts that issued trust preferred securities	100,000	100,000
Total liabilities (1)	7,361,827	7,260,936
Commitments and contingencies		
Limited partner interests in SLGOP (4,239 and 3,670 limited partner common units outstanding at March 31, 2023 and December 31, 2022, respectively)	273,175	269,993
Preferred units	177,943	177,943

SL Green Operating Partnership, L.P.
Consolidated Balance Sheets
(in thousands)

	March 31, 2023	December 31, 2022
	(unaudited)	
Capital		
SLGOP partners' capital:		
Series I Preferred Units, $25.00 liquidation preference, 9,200 issued and outstanding at both March 31, 2023 and December 31, 2022	**221,932**	221,932
SL Green partners' capital (686 and 680 general partner common units and 63,687 and 63,700 limited partner common units outstanding at March 31, 2023 and December 31, 2022, respectively)	**4,219,126**	4,313,497
Accumulated other comprehensive income	**19,428**	49,604
Total SLGOP partners' capital	**4,460,486**	4,585,033
Noncontrolling interests in other partnerships	**68,688**	61,889
Total capital	**4,529,174**	4,646,922
Total liabilities and capital	**$ 12,342,119**	$ 12,355,794

(1) The Operating Partnership's consolidated balance sheets include assets and liabilities of consolidated variable interest entities ("VIEs"). See Note 2. The consolidated balance sheets include the following amounts related to our consolidated VIEs, excluding the Operating Partnership: $41.2 million and $41.2 million of land, $40.1 million and $41.0 million of building and improvements, $— million and $— million of building and leasehold improvements, $— million and $— million of right of use assets, $4.6 million and $4.4 million of accumulated depreciation, $670.7 million and $599.2 million of other assets included in other line items, $49.9 million and $49.8 million of real estate debt, net, $0.2 million and $0.2 million of accrued interest payable, $— million and $— million of lease liabilities, and $179.3 million and $146.4 million of other liabilities included in other line items as of March 31, 2023 and December 31, 2022, respectively.

The accompanying notes are an integral part of these consolidated financial statements.

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SL Green Operating Partnership, L.P.
Consolidated Statements of Operations
(unaudited, in thousands, except per unit data)

	Three Months Ended March 31,	
	2023	**2022**
Revenues		
Rental revenue, net	**$ 195,042**	$ 156,031
Investment income	**9,057**	19,888
Other income	**19,476**	12,045
Total revenues	**223,575**	187,964
Expenses		
Operating expenses, including related party expenses of $1 in 2023, and $2,523 in 2022	**52,064**	42,583
Real estate taxes	**41,383**	30,747
Operating lease rent	**6,301**	6,564
Interest expense, net of interest income	**41,653**	15,070
Amortization of deferred financing costs	**2,021**	1,948
Depreciation and amortization	**78,548**	46,983
Loan loss and other investment reserves, net of recoveries	**6,890**	—
Transaction related costs	**884**	28
Marketing, general and administrative	**23,285**	24,776
Total expenses	**253,029**	168,699
Equity in net loss from unconsolidated joint ventures	**(7,412)**	(4,715)
Equity in net loss on sale of interest in unconsolidated joint venture/real estate	**(79)**	—
Purchase price and other fair value adjustments	**239**	(63)
Loss on sale of real estate, net	**(1,651)**	(1,002)
Net (loss) income	**(38,357)**	13,485
Net loss (income) attributable to noncontrolling interests:		
Noncontrolling interests in other partnerships	**1,625**	143
Preferred units distributions	**(1,598)**	(1,647)
Net (loss) income attributable to SLGOP	**(38,330)**	11,981
Perpetual preferred unit distributions	**(3,738)**	(3,738)
Net (loss) income attributable to SLGOP common unitholders	**$ (42,068)**	$ 8,243
Basic (loss) earnings per unit	**$ (0.63)**	$ 0.12
Diluted (loss) earnings per unit	**$ (0.63)**	$ 0.11
Basic weighted average common units outstanding	**68,182**	68,470
Diluted weighted average common units and common unit equivalents outstanding	**68,182**	70,228

The accompanying notes are an integral part of these consolidated financial statements.

SL Green Operating Partnership, L.P.
Consolidated Statements of Comprehensive (Loss) Income
(unaudited, in thousands)

	Three Months Ended March 31,	
	2023	**2022**
Net (loss) income	**$ (38,357)**	$ 13,485
Other comprehensive (loss) income:		
(Decrease) increase in unrealized value of derivative instruments, including SLGOP's share of joint venture derivative instruments	**(31,059)**	43,567
Decrease in unrealized value of marketable securities	**(968)**	(1,793)
Other comprehensive (loss) income	**(32,027)**	41,774
Comprehensive (loss) income	**(70,384)**	55,259
Net loss attributable to noncontrolling interests	**1,625**	143
Other comprehensive loss (income) attributable to noncontrolling interests	**1,851**	(2,277)
Comprehensive (loss) income attributable to SLGOP	**$ (66,908)**	$ 53,125

The accompanying notes are an integral part of these consolidated financial statements.

SL Green Operating Partnership, L.P.
Consolidated Statements of Capital
(unaudited, in thousands, except per unit data)

	SL Green Operating Partnership Unitholders					
		Partners' Interest				
	Series I Preferred Units	Common Units	Common Unitholders	Accumulated Other Comprehensive Income	Noncontrolling Interests	Total
Balance at December 31, 2022	$ 221,932	64,380	$ 4,313,497	$ 49,604	$ 61,889	$ 4,646,922
Net loss			(35,993)		(1,625)	(37,618)
Other comprehensive loss				(30,176)		(30,176)
Preferred distributions			(3,738)			(3,738)
DRSPP proceeds		5	184			184
Reallocation of noncontrolling interests in the Operating Partnership			(10,147)			(10,147)
Deferred compensation plan and stock awards, net of forfeitures and tax withholdings		(12)	7,559			7,559
Contributions to consolidated joint venture interests					8,560	8,560
Cash distributions to noncontrolling interests					(136)	(136)
Cash distributions declared ($0.812 per common unit, none of which represented a return of capital for federal income tax purposes)			(52,236)			(52,236)
Balance at March 31, 2023	$ 221,932	64,373	$ 4,219,126	$ 19,428	$ 68,688	$ 4,529,174

	SL Green Operating Partnership Unitholders					
		Partners' Interest				
	Series I Preferred Units	Common Units	Common Unitholders	Accumulated Other Comprehensive Loss	Noncontrolling Interests	Total
Balance at December 31, 2021	$ 221,932	64,105	$ 4,589,702	$ (46,758)	$ 13,377	$ 4,778,253
Net income			11,489		(143)	11,346
Other comprehensive income				39,497		39,497
Preferred distributions			(3,738)			(3,738)
DRSPP proceeds		1	89			89
Reallocation of noncontrolling interests in the operating partnership			(43,023)			(43,023)
Deferred compensation plan and stock awards, net of forfeitures and tax withholdings		28	5,056			5,056
Repurchases of common stock		(1,971)	(151,197)			(151,197)
Cash distributions to noncontrolling interests					(123)	(123)
Issuance of special distribution paid primarily in units		1,961	160,620			160,620
Cash distributions declared ($0.932 per common unit, none of which represented a return of capital for federal income tax purposes)			(57,665)			(57,665)
Balance at March 31, 2022	$ 221,932	64,124	$ 4,511,333	$ (7,261)	$ 13,111	$ 4,739,115

The accompanying notes are an integral part of these consolidated financial statements.

SL Green Operating Partnership, L.P.
Consolidated Statements of Cash Flows
(unaudited, in thousands)

	Three Months Ended March 31,	
	2023	**2022**
Operating Activities		
Net (loss) income	**$ (38,357)**	$ 13,485
Adjustments to reconcile net (loss) income to net cash provided by operating activities:		
Depreciation and amortization	**80,569**	48,931
Equity in net loss from unconsolidated joint ventures	**7,412**	4,715
Distributions of cumulative earnings from unconsolidated joint ventures	**258**	188
Equity in net loss on sale of interest in unconsolidated joint venture interest/real estate	**79**	—
Purchase price and other fair value adjustments	**(239)**	63
Loss on sale of real estate, net	**1,651**	1,002
Loan loss reserves and other investment reserves, net of recoveries	**6,890**	—
Deferred rents receivable	**(7,431)**	(546)
Non-cash lease expense	**5,261**	6,043
Other non-cash adjustments	**(3,271)**	(6,964)
Changes in operating assets and liabilities:		
Tenant and other receivables	**(969)**	13,673
Related party receivables	**577**	(2,335)
Deferred lease costs	**(3,911)**	(4,240)
Other assets	**(11,160)**	(25,076)
Accounts payable, accrued expenses, other liabilities and security deposits	**4,656**	28,049
Deferred revenue	**2,450**	3,550
Lease liability - operating leases	**(2,116)**	864
Net cash provided by operating activities	**42,349**	81,402
Investing Activities		
Additions to land, buildings and improvements	**(61,918)**	(61,680)
Acquisition deposits and deferred purchase price	**—**	(15,000)
Investments in unconsolidated joint ventures	**(22,985)**	(11,399)
Distributions in excess of cumulative earnings from unconsolidated joint ventures	**41,812**	16,089
Net proceeds from disposition of real estate/joint venture interest	**—**	91,994
Other investments	**(17,700)**	209
Origination of debt and preferred equity investments	**(5,578)**	(13,122)
Repayments or redemption of debt and preferred equity investments	**—**	6,405
Net cash (used in) provided by investing activities	**(66,369)**	13,496

SL Green Operating Partnership, L.P.
Consolidated Statements of Cash Flows
(unaudited, in thousands)

	Three Months Ended March 31,	
	2023	**2022**
Financing Activities		
Proceeds from mortgages and other loans payable	**—**	5,309
Repayments of mortgages and other loans payable	**(1,473)**	(55,715)
Proceeds from revolving credit facility and unsecured notes	**143,000**	320,000
Repayments of revolving credit facility and unsecured notes	**(78,000)**	(210,000)
Proceeds from stock options exercised and DRSPP issuance	**184**	89
Repurchase of common units	**—**	(151,197)
Redemption of preferred units	**—**	(17,967)
Redemption of OP units	**(5,220)**	(18,272)
Distributions to noncontrolling interests in other partnerships	**(136)**	(123)
Contributions from noncontrolling interests in other partnerships	**426**	—
Distributions paid on common and preferred units	**(61,195)**	(70,754)
Other obligations related to secured borrowing	**—**	77,874
Tax withholdings related to restricted share awards	**—**	(3,888)
Deferred loan costs	**(358)**	80
Net cash used in financing activities	**(2,772)**	(124,564)
Net decrease in cash, cash equivalents, and restricted cash	**(26,792)**	(29,666)
Cash, cash equivalents, and restricted cash at beginning of year	**384,054**	336,984
Cash, cash equivalents, and restricted cash at end of period	**$ 357,262**	$ 307,318
Supplemental Disclosure of Non-Cash Investing and Financing Activities:		
Issuance of special distribution paid primarily in units	**$ —**	$ 160,620
Tenant improvements and capital expenditures payable	**—**	8,700
Fair value adjustment to noncontrolling interest in the Operating Partnership	**10,147**	43,023
Contribution to consolidated joint venture interest	**8,134**	—
Removal of fully depreciated commercial real estate properties	**4,247**	651

The following table provides a reconciliation of cash, cash equivalents, and restricted cash reported within the consolidated balance sheets that sum to the total of the same such amounts shown in the consolidated statements of cash flows.

	Three Months Ended March 31,	
	2023	**2022**
Cash and cash equivalents	**$ 158,937**	$ 223,674
Restricted cash	**198,325**	83,644
Total cash, cash equivalents, and restricted cash	**$ 357,262**	$ 307,318

The accompanying notes are an integral part of these consolidated financial statements.

1. Organization and Basis of Presentation

SL Green Realty Corp., which is referred to as the Company or SL Green, a Maryland corporation, and SL Green Operating Partnership, L.P., which is referred to as SLGOP or the Operating Partnership, a Delaware limited partnership, were formed in June 1997 for the purpose of combining the commercial real estate business of S.L. Green Properties, Inc. and its affiliated partnerships and entities. The Operating Partnership received a contribution of interest in the real estate properties, as well as 95% of the economic interest in the management, leasing and construction companies which are referred to as S.L. Green Management Corp, or the Service Corporation. All of the management, leasing and construction services that are provided to the properties that are wholly-owned by us and that are provided to certain joint ventures are conducted through SL Green Management LLC and S.L. Green Management Corp., respectively, which are 100% owned by the Operating Partnership. The Company has qualified, and expects to qualify in the current fiscal year, as a real estate investment trust, or REIT, under the Internal Revenue Code of 1986, as amended, or the Code, and operates as a self-administered, self-managed REIT. A REIT is a legal entity that holds real estate interests and, through payments of dividends to stockholders, is permitted to minimize the payment of Federal income taxes at the corporate level. Unless the context requires otherwise, all references to "we," "our" and "us" means the Company and all entities owned or controlled by the Company, including the Operating Partnership.

Substantially all of our assets are held by, and all of our operations are conducted through, the Operating Partnership. The Company is the sole managing general partner of the Operating Partnership. As of March 31, 2023, noncontrolling investors held, in the aggregate, a 6.18% limited partnership interest in the Operating Partnership. We refer to these interests as the noncontrolling interests in the Operating Partnership. The Operating Partnership is considered a variable interest entity, or VIE, in which we are the primary beneficiary. See Note 11, "Noncontrolling Interests on the Company's Consolidated Financial Statements."

On March 31, 2023, we owned the following interests in properties in the New York metropolitan area, primarily in midtown Manhattan. Our investments located outside of Manhattan are referred to as the Suburban properties:

		Consolidated		Unconsolidated		Total		
Location	Property Type	Number of Buildings	Approximate Square Feet (unaudited)	Number of Buildings	Approximate Square Feet (unaudited)	Number of Buildings	Approximate Square Feet (unaudited)	Weighted Average Leased Occupancy (1) (unaudited)
Commercial:								
Manhattan	Office	14	10,181,934	11	13,629,381	25	23,811,315	89.6 %
	Retail	2 (2)	17,888	8	294,865	10	312,753	91.0 %
	Development/Redevelopment (1)	4	1,466,419	4	3,115,241	8	4,581,660	N/A
		20	11,666,241	23	17,039,487	43	28,705,728	N/A
Suburban	Office	7	862,800	—	—	7	862,800	78.8 %
Total commercial properties		27	12,529,041	23	17,039,487	50	29,568,528	N/A
Residential:								
Manhattan	Residential	1 (2)	140,382	—	—	1	140,382	98.6 %
Total portfolio		28	12,669,423	23	17,039,487	51	29,708,910	N/A

(1) The weighted average leased occupancy for commercial properties represents the total leased square footage divided by the total square footage at acquisition. The weighted average leased occupancy for residential properties represents the total leased units divided by the total available units. Properties under construction are not included in the calculation of weighted average leased occupancy.

(2) As of March 31, 2023, we owned a building at 7 Dey Street / 185 Broadway that was comprised of approximately 140,382 square feet (unaudited) of residential space and approximately 50,206 square feet (unaudited) of office and retail space that is under development. For the purpose of this report, we have included this building in the number of residential properties we own. However, we have included only the residential square footage in the residential approximate square footage, and have listed the balance of the square footage as development square footage.

As of March 31, 2023, we also managed one office building owned by a third party encompassing approximately 0.3 million square feet (unaudited), and held debt and preferred equity investments with a book value of $626.8 million, excluding debt and preferred equity investments and other financing receivables totaling $8.5 million that are included in balance sheet line items other than the Debt and preferred equity investments line item.

Partnership Agreement

In accordance with the partnership agreement of the Operating Partnership, or the Operating Partnership Agreement, we allocate all distributions and profits and losses in proportion to the percentage of ownership interests of the respective partners, subject to the priority distributions with respect to preferred units and special provisions that apply to Long Term Incentive Plan ("LTIP") Units. As the managing general partner of the Operating Partnership, we are required to take such reasonable efforts, as determined by us in our sole discretion, to cause the Operating Partnership to distribute sufficient amounts to enable the payment of sufficient dividends by us to minimize any Federal income or excise tax at the Company level. Under the Operating Partnership Agreement, each limited partner has the right to redeem units of limited partnership interests for cash, or if we so elect, shares of SL Green's common stock on a one-for-one basis.

Basis of Quarterly Presentation

The accompanying unaudited consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and notes required by accounting principles generally accepted in the United States for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for the fair presentation of the financial position of the Company and the Operating Partnership at March 31, 2023 and the results of operations for the periods presented have been included. The operating results for the period presented are not necessarily indicative of the results that may be expected for the year ending December 31, 2023. These financial statements should be read in conjunction with the financial statements and accompanying notes included in the Annual Report on Form 10-K for the year ended December 31, 2022 of the Company and the Operating Partnership.

The consolidated balance sheet at December 31, 2022 has been derived from the audited financial statements as of that date but does not include all the information and footnotes required by accounting principles generally accepted in the United States for complete financial statements.

Subsequent Events

In April 2023, the Company, together with its joint venture partner, closed on the refinancing of 919 Third Avenue. The new $500.0 million mortgage has an initial maturity date of April 2026, with two one-year extension options, and bears interest at a floating rate of Term SOFR plus 250 basis points, which has been swapped to a fixed rate of 6.11% through February 2026. See Note 6, "Investments in Unconsolidated Joint Ventures."

In April 2023, the ground rent appraisal proceeding concluded for our wholly-owned leasehold interest at 625 Madison Avenue. As a result of that proceeding, the ground rent has been reset from the previous rent of $4.61 million per annum to a new rent of $20.25 million per annum, effective as of July 1, 2022. Following a strategic review of the property that addresses a range of relevant considerations, including the increase in ground rent to an amount substantially above what the Company believes is appropriate, the Company intends to write down the carrying value of its investment in the leasehold interest to zero in the quarter ending June 30, 2023.

2. Significant Accounting Policies

Principles of Consolidation

The consolidated financial statements include our accounts and those of our subsidiaries, which are wholly-owned or controlled by us. Entities which we do not control through our voting interest and entities which are variable interest entities, but where we are not the primary beneficiary, are accounted for under the equity method. See Note 5, "Debt and Preferred Equity Investments" and Note 6, "Investments in Unconsolidated Joint Ventures." All significant intercompany balances and transactions have been eliminated.

We consolidate a VIE in which we are considered the primary beneficiary. The primary beneficiary is the entity that has (i) the power to direct the activities that most significantly impact the entity's economic performance and (ii) the obligation to absorb losses of the VIE or the right to receive benefits from the VIE that could be significant to the VIE.

Investment in Commercial Real Estate Properties

We allocate the purchase price of real estate to land and building (inclusive of tenant improvements) and, if determined to be material, intangibles, such as the value of above- and below-market leases and origination costs associated with the in-place leases. We depreciate the amount allocated to building (inclusive of tenant improvements) over their estimated useful lives, which generally range from 3 years to 40 years. We amortize the amount allocated to the above- and below-market leases over the remaining term of the associated lease, which generally range from 1 year to 15 years, and record it as either an increase (in the case of below-market leases) or a decrease (in the case of above-market leases) to rental income. We amortize the amount allocated to the values associated with in-place leases over the expected term of the associated lease, which generally ranges from 1 year to 15 years. If a tenant vacates its space prior to the contractual termination of the lease and no rental payments are being made on the lease, any unamortized balance of the related intangible will be written off. The tenant improvements and origination costs are amortized as an expense over the remaining life of the lease (or charged against earnings if the lease is terminated prior to its contractual expiration date). We assess fair value of the leases based on estimated cash flow projections that utilize appropriate discount rates and available market information. Estimates of future cash flows are based on a number of factors including the historical operating results, known trends, and market/economic conditions that may affect the property. To the extent acquired leases contain fixed rate renewal options that are below-market and determined to be material, we amortize such below-market lease value into rental income over the renewal period.

The Company classifies those leases under which the Company is the lessee at lease commencement as finance or operating leases. Leases qualify as finance leases if the lease transfers ownership of the asset at the end of the lease term, the lease grants an option to purchase the asset that we are reasonably certain to exercise, the lease term is for a major part of the remaining economic life of the asset, or the present value of the lease payments exceeds substantially all of the fair value of the asset. Leases that do not qualify as finance leases are deemed to be operating leases. At lease commencement the Company records a lease liability which is measured as the present value of the lease payments and a right of use asset which is measured as the amount of the lease liability and any initial direct costs incurred. The Company applies a discount rate to determine the present value of the lease payments. If the rate implicit in the lease is known, the Company uses that rate. If the rate implicit in the lease is not known, the Company uses a discount rate reflective of the Company’s collateralized borrowing rate given the term of the lease. To determine the discount rate, the Company employs a third party specialist to develop an analysis based primarily on the observable borrowing rates of the Company, other REITs, and other corporate borrowers with long-term borrowings. On the consolidated statements of operations, operating leases are expensed through operating lease rent while financing leases are expensed through amortization and interest expense. When applicable, the Company combines the consideration for lease and non-lease components in the calculation of the value of the lease obligation and right-of-use asset.

On a periodic basis, we assess whether there are any indications that the value of our real estate properties may be impaired or that their carrying value may not be recoverable. A property's value is considered impaired if management's estimate of the aggregate future cash flows (undiscounted) to be generated by the property is less than the carrying value of the property. To the extent impairment has occurred, the loss will be measured as the excess of the carrying amount of the property over the fair value of the property as calculated in accordance with Accounting Standards Codification, or ASC 820. We also evaluate our real estate properties for impairment when a property has been classified as held for sale. Real estate assets held for sale are valued at the lower of their carrying value or fair value less costs to sell and depreciation expense is no longer recorded.

For the three months ended March 31, 2023, we recognized additional rental revenue of $8.2 million for the amortization of aggregate below-market leases in excess of above-market leases resulting from the allocation of the purchase price of the applicable properties. For the three months ended March 31, 2022, we recognized a reduction of rental revenue of ($0.1 million) for the amortization of aggregate above-market leases in excess of below-market leases.

The following summarizes our identified intangible assets (acquired above-market leases and in-place leases) and intangible liabilities (acquired below-market leases) as of March 31, 2023 and December 31, 2022 (in thousands):

	March 31, 2023	December 31, 2022
Identified intangible assets (included in other assets):		
Gross amount	**$ 403,552**	$ 403,552
Accumulated amortization	**(203,075)**	(190,066)
Net	**$ 200,477**	$ 213,486
Identified intangible liabilities (included in deferred revenue):		
Gross amount	**$ 361,338**	$ 361,338
Accumulated amortization	**(222,036)**	(212,191)
Net	**$ 139,302**	$ 149,147

Cash and Cash Equivalents

We consider all highly liquid investments with maturity of three months or less when purchased to be cash equivalents.

Restricted Cash

Restricted cash primarily consists of security deposits held on behalf of our tenants, interest reserves, as well as capital improvement and real estate tax escrows required under certain loan agreements.

Fair Value Measurements

See Note 16, "Fair Value Measurements."

Investment in Marketable Securities

At acquisition, we designate a debt security as held-to-maturity, available-for-sale, or trading. As of March 31, 2023, we did not have any debt securities designated as held-to-maturity or trading. We account for our available-for-sale securities at fair value pursuant to ASC 820-10, with the net unrealized gains or losses reported as a component of accumulated other comprehensive income or loss. The cost of marketable securities sold and the amount reclassified out of accumulated other comprehensive income into earnings is determined using the specific identification method. Credit losses are recognized in accordance with ASC 326. We account for our equity marketable securities at fair value pursuant to ASC 820-10, with the net unrealized gains or losses reported in net income.

As of March 31, 2023 and December 31, 2022, we held the following marketable securities (in thousands):

	March 31, 2023	December 31, 2022
Commercial mortgage-backed securities	**$ 10,273**	$ 11,240
Total investment in marketable securities	**$ 10,273**	$ 11,240

The cost basis of the commercial mortgage-backed securities was $11.5 million as of March 31, 2023 and $11.5 million as of December 31, 2022. These securities mature at various times through 2030. All securities were in an unrealized loss position as of March 31, 2023 and December 31, 2022 with an unrealized loss of $1.2 million and a fair value of $10.3 million as of March 31, 2023, and an unrealized loss of $0.3 million and a fair value of $11.2 million as of December 31, 2022. The securities were in a continuous unrealized loss position for less than 12 months as of March 31, 2023 and December 31, 2022. We do not intend to sell our other securities, and it is more likely than not that we will not be required to sell the investments before recovery of their amortized cost bases.

We did not dispose of any debt marketable securities during three months ended March 31, 2023 and 2022.

We held no equity marketable securities as of March 31, 2023 and December 31, 2022. We recognized $0.1 million of unrealized loss for a previously held equity marketable security during the three months ended March 31, 2022.

Investments in Unconsolidated Joint Ventures

We assess our investments in unconsolidated joint ventures for recoverability and if it is determined that a loss in value of the investment is other than temporary, we write down the investment to its fair value. We evaluate our equity investments for impairment based on each joint ventures' actual and projected cash flows. We do not believe that the values of any of our equity investments were impaired at March 31, 2023.

Deferred Lease Costs

Deferred lease costs consist of incremental fees and direct costs that would not have been incurred if the lease had not been obtained and are amortized on a straight-line basis over the related lease term.

Lease Classification

Lease classification for leases under which the Company is the lessor is evaluated at lease commencement and leases not classified as sales-type leases or direct financing leases are classified as operating leases. Leases qualify as sales-type leases if the contract includes either transfer of ownership clauses, certain purchase options, a lease term representing a major part of the economic life of the asset, or the present value of the lease payments and residual guarantees provided by the lessee exceeds substantially all of the fair value of the asset. Additionally, leasing an asset so specialized that it is not deemed to have any value to the Company at the end of the lease term may also result in classification as a sales-type lease. Leases qualify as direct financing leases when the present value of the lease payments and residual value guarantees provided by the lessee and unrelated third parties exceeds substantially all of the fair value of the asset and collection of the payments is probable.

Revenue Recognition

Rental revenue for operating leases is recognized on a straight-line basis over the term of the lease. Rental revenue recognition commences when the leased space is available for its intended use by the lessee.

To determine whether the leased space is available for its intended use by the lessee, management evaluates whether we or the tenant are the owner of tenant improvements for accounting purposes. When management concludes that we are the owner of tenant improvements, rental revenue recognition begins when the tenant takes possession of the finished space, which is when such tenant improvements are substantially complete. In certain instances, when management concludes that we are not the owner of tenant improvements, rental revenue recognition begins when the tenant takes possession of or controls the space.

The excess of rents recognized over amounts contractually due pursuant to the underlying leases are included in deferred rents receivable on the consolidated balance sheets.

In addition to base rent, our tenants also generally will pay variable rent, which represents their pro rata share of increases in real estate taxes and certain operating expenses for the building over a base year. In some leases, in lieu of paying additional rent based upon increases in certain building operating expenses, the tenant will pay additional rent based upon increases in the wage rate paid to porters over the porters' wage rate in effect during a base year or increases in the consumer price index over the index value in effect during a base year. In addition, many of our leases contain fixed percentage increases over the base rent to cover escalations. Electricity is most often supplied by the landlord either on a sub-metered basis, or rent inclusion basis (i.e., a fixed fee is included in the rent for electricity, which amount may increase based upon increases in electricity rates or increases in electrical usage by the tenant). Base building services other than electricity (such as heat, air conditioning and freight elevator service during business hours, and base building cleaning) are typically provided at no additional cost, with the tenant paying additional rent only for services which exceed base building services or for services which are provided outside normal business hours. These escalations are based on actual expenses incurred in the prior calendar year. If the expenses in the current year are different from those in the prior year, then during the current year, the escalations will be adjusted to reflect the actual expenses for the current year.

Rental revenue is recognized if collectability is probable. If collectability of substantially all of the lease payments is assessed as not probable, any difference between the rental revenue recognized to date and the lease payments that have been collected is recognized as a current-period adjustment to rental revenue. A subsequent change in the assessment of collectability to probable may result in a current-period adjustment to rental revenue for any difference between the rental revenue that would have been recognized if collectability had always been assessed as probable and the rental revenue recognized to date.

The Company provides its tenants with certain customary services for lease contracts such as common area maintenance and general security. We have elected to combine the non-lease components with the lease components of our operating lease agreements and account for them as a single lease component in accordance with ASC 842.

We record a gain or loss on sale of real estate assets when we no longer have a controlling financial interest in the entity owning the real estate, a contract exists with a third party and that third party has control of the assets acquired.

Investment income on debt and preferred equity investments is accrued based on the contractual terms of the instruments and when it is deemed collectible. Some debt and preferred equity investments provide for accrual of interest at specified rates, which differ from current payment terms. Interest is recognized on such loans at the accrual rate subject to management's determination that accrued interest is collectible. If management cannot make this determination, interest income above the current pay rate is recognized only upon actual receipt.

Deferred origination fees, original issue discounts and loan origination costs, if any, are recognized as an adjustment to interest income over the terms of the related investments using the effective interest method. Fees received in connection with loan commitments are also deferred until the loan is funded and are then recognized over the term of the loan as an adjustment to yield. Discounts or premiums associated with the purchase of loans are amortized or accreted into interest income as a yield adjustment on the effective interest method based on expected cash flows through the expected maturity date of the related investment. If we purchase a debt or preferred equity investment at a discount, intend to hold it until maturity and expect to recover the full value of the investment, we accrete the discount into income as an adjustment to yield over the term of the investment. If we purchase a debt or preferred equity investment at a discount with the intention of foreclosing on the collateral, we do not accrete the discount. For debt investments acquired at a discount for credit quality, the difference between contractual cash flows and expected cash flows at acquisition is not accreted. Anticipated exit fees, the collection of which is expected, are also recognized over the term of the loan as an adjustment to yield.

We consider a debt and preferred equity investment to be past due when amounts contractually due have not been paid. Debt and preferred equity investments are placed on a non-accrual status at the earlier of the date at which payments become 90 days past due or when, in the opinion of management, a full recovery of interest income becomes doubtful. Interest income recognition is resumed on any debt or preferred equity investment that is on non-accrual status when such debt or preferred equity investment becomes contractually current and performance is demonstrated to be resumed.

We may syndicate a portion of the loans that we originate or sell the loans individually. When a transaction meets the criteria for sale accounting, we recognize gain or loss based on the difference between the sales price and the carrying value of the loan sold. Any related unamortized deferred origination fees, original issue discounts, loan origination costs, discounts or premiums at the time of sale are recognized as an adjustment to the gain or loss on sale, which is included in investment income on the consolidated statement of operations. Any fees received at the time of sale or syndication are recognized as part of investment income.

Asset management fees are recognized on a straight-line basis over the term of the asset management agreement.

Debt and Preferred Equity Investments

Debt and preferred equity investments are presented at the net amount expected to be collected in accordance with ASC 326. An allowance for loan losses is deducted from the amortized cost basis of the financial assets to present the net carrying value at the amount expected to be collected through the expected maturity date of such investments. The expense for loan loss and other investment reserves is the charge to earnings to adjust the allowance for loan losses to the appropriate level. Amounts are written off from the allowance when we de-recognize the related investment either as a result of a sale of the investment or acquisition of equity interests in the collateral.

The Company evaluates the amount expected to be collected based on current market and economic conditions, historical loss information, and reasonable and supportable forecasts. The Company's assumptions are derived from both internal data and external data which may include, among others, governmental economic projections for the New York City Metropolitan area, public data on recent transactions and filings for securitized debt instruments. This information is aggregated by asset class and adjusted for duration. Based on these inputs, loans are evaluated at the individual asset level. In certain instances, we may also use a probability-weighted model that considers the likelihood of multiple outcomes and the amount expected to be collected for each outcome.

The evaluation of the possible credit deterioration associated with the performance and/or value of the underlying collateral property as well as the financial and operating capability of the borrower/sponsor requires significant judgment, which include both asset level and market assumptions over the relevant time period.

In addition, quarterly, the Company assigns each loan a risk rating. Based on a 3-point scale, loans are rated “1” through “3,” from lower risk to higher risk, which ratings are defined as follows: 1 - Low Risk Assets - Low probability of loss, 2 - Watch List Assets - Higher potential for loss, 3 - High Risk Assets - Loss more likely than not. Loans with risk ratings of 2 or above are evaluated to determine whether the expected risk of loss is appropriately captured through the combination of our expectations of current conditions, historical loss information and supportable forecasts described above or whether risk characteristics specific to the loan warrant the use of a probability-weighted model.

Financing investments that are classified as held for sale are carried at the expected amount to be collected or fair market value using available market information obtained through consultation with dealers or other originators of such investments as well as discounted cash flow models based on Level 3 data pursuant to ASC 820-10. As circumstances change, management may conclude not to sell an investment designated as held for sale. In such situations, the investment will be reclassified at its expected amount to be collected.

Other financing receivables that are included in balance sheet line items other than the Debt and preferred equity investments line are also measured at the net amount expected to be collected.

Accrued interest receivable amounts related to these debt and preferred equity investment and other financing receivables are recorded at the net amount expected to be collected within Other assets in the consolidated balance sheets. Accrued interest receivables that are written off are recognized as an expense in loan loss and other investment reserves.

Income Taxes

SL Green is taxed as a REIT under Section 856(c) of the Code. As a REIT, SL Green generally is not subject to Federal income tax. To maintain its qualification as a REIT, SL Green must distribute at least 90% of its REIT taxable income to its stockholders and meet certain other requirements. If SL Green fails to qualify as a REIT in any taxable year, SL Green will be subject to Federal income tax on its taxable income at regular corporate rates. SL Green may also be subject to certain state, local and franchise taxes. Under certain circumstances, Federal income and excise taxes may be due on its undistributed taxable income.

The Operating Partnership is a partnership and, as a result, all income and losses of the partnership are allocated to the partners for inclusion in their respective income tax returns. The only provision for income taxes included in the consolidated statements of operations relates to the Operating Partnership’s consolidated taxable REIT subsidiaries. The Operating Partnership may also be subject to certain state, local and franchise taxes.

We have elected, and may elect in the future, to treat certain of our corporate subsidiaries as taxable REIT subsidiaries, or TRSs. In general, TRSs may perform non-customary services for the tenants of the Company, hold assets that we cannot hold directly and generally may engage in any real estate or non-real estate related business. The TRSs generate income, resulting in Federal and state income tax liability for these entities.

During the three months ended March 31, 2023 and 2022, we recorded federal, state and local tax provisions totaling $0.8 million and $0.9 million, respectively.

We follow a two-step approach for evaluating uncertain tax positions. Recognition (step one) occurs when an enterprise concludes that a tax position, based solely on its technical merits, is more-likely-than-not to be sustained upon examination. Measurement (step two) determines the amount of benefit that is more-likely-than-not to be realized upon settlement. Derecognition of a tax position that was previously recognized would occur when a company subsequently determines that a tax position no longer meets the more-likely-than-not threshold of being sustained. The use of a valuation allowance as a substitute for derecognition of tax positions is prohibited.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Concentrations of Credit Risk

Financial instruments that potentially subject us to concentrations of credit risk consist primarily of cash investments, debt and preferred equity investments and accounts receivable. We place our cash investments with high quality financial institutions. The collateral securing our debt and preferred equity investments is located in New York City. See Note 5, "Debt and Preferred Equity Investments."

We perform initial and ongoing evaluations of the credit quality of our tenants and require most tenants to provide security deposits or letters of credit. Though these security deposits and letters of credit are insufficient to meet the total value of a tenant's lease obligation, they are a measure of good faith and a potential source of funds to offset the economic costs associated with lost revenue from that tenant and the costs associated with re-tenanting a space. The properties in our real estate portfolio are located in the New York metropolitan area, principally in Manhattan. Our tenants operate in various industries. Other than one tenant, Paramount Global (formerly ViacomCBS Inc.), which accounted for 5.5% of our share of annualized cash rent as of March 31, 2023, no other tenant in our portfolio accounted for more than 5.0% of our share of annualized cash rent, including our share of joint venture annualized cash rent, for the three months ended March 31, 2023.

For the three months ended March 31, 2023, the following properties contributed more than 5.0% of our annualized cash rent from office properties, including our share of annualized cash rent from joint venture office properties:

Property	Three months ended March 31, 2023
One Vanderbilt Avenue	14.4%
245 Park Avenue	10.6%
11 Madison Avenue	8.0%
420 Lexington Ave	6.3%
1515 Broadway	6.0%
280 Park Avenue	5.3%
1185 Avenue of the Americas	5.2%

Accounting Standards Updates

In March 2022, the FASB issued ASU No. 2022-02 Financial Instruments - Credit Losses (Topic 326) Troubled Debt Restructurings and Vintage Disclosures. ASU 2022-02 eliminates the troubled debt restructuring recognition and measurement guidance and, instead, requires that an entity evaluate whether the modification represents a new loan or a continuation of an existing loan. The amendments enhance existing disclosure requirements and introduce new requirements related to certain modifications of receivables made to borrowers experiencing financial difficulties. Additionally, ASU 2022-02 requires an entity to disclose current-period gross write-offs by year of origination for financing receivables and net investment in leases within the scope of Subtopic 326-20. Gross write-off information must be included in the vintage disclosures required for entities in accordance with Subtopic 326-20, which requires that an entity disclose the amortized cost basis of financing receivables by credit-quality indicator and class of financing receivable by year of origination. ASU 2022-02 is effective for reporting periods beginning after December 15, 2022, including interim periods within those fiscal years, with early adoption permitted. The Company adopted this guidance on January 1, 2023 and it did not have a material impact on the Company's consolidated financial statements.

3. Property Acquisitions

During the three months ended March 31, 2023, we did not acquire any properties from a third party.

4. Properties Held for Sale and Property Dispositions

Properties Held for Sale

As of March 31, 2023, no properties were classified as held for sale.

Property Dispositions

During the three months ended March 31, 2023, we did not dispose of any properties.

5. Debt and Preferred Equity Investments

Below is a summary of the activity in our debt and preferred equity investments for the three months ended March 31, 2023 and the twelve months ended December 31, 2022 (in thousands):

	March 31, 2023	December 31, 2022
Balance at beginning of year [(1)]	$ 623,280	$ 1,088,723
Debt investment originations/fundings/accretion [(2)]	8,455	62,992
Preferred equity investment originations/accretion [(2)]	1,958	37,505
Redemptions/sales/syndications/equity ownership/amortization	—	(565,940)
Net change in loan loss reserves	(6,890)	—
Balance at end of period [(1)]	$ 626,803	$ 623,280

(1) Net of unamortized fees, discounts, and premiums.
(2) Accretion includes amortization of fees and discounts and paid-in-kind investment income.

Below is a summary of our debt and preferred equity investments as of March 31, 2023 (dollars in thousands):

	Floating Rate			Fixed Rate						
Type	Carrying Value	Face Value	Interest Rate	Carrying Value	Face Value	Interest Rate	Total Carrying Value	Senior Financing	Weighted Average Yield at End of Period	Maturity [(1)]
Mezzanine Debt	$ 149,754	$ 149,980	L + 4.95% - 12.38%	$ 355,232	$ 370,216	7.00% - 14.30%	$ 504,986	$ 1,726,821	5.74%	2023 - 2029
Preferred Equity	—	—	—	121,817	121,817	6.5%	121,817	250,000	6.55%	2027
Balance at end of period	$ 149,754	$ 149,980		$ 477,049	$ 492,033		$ 626,803	$ 1,976,821		

(1) Excludes available extension options to the extent they have not been exercised as of the date of this filing.

The following table is a roll forward of our total allowance for loan losses for the three months ended March 31, 2023 and the twelve months ended December 31, 2022 (in thousands):

	March 31, 2023	December 31, 2022
Balance at beginning of year	$ 6,630	$ 6,630
Current period provision for loan loss	6,890	—
Balance at end of period [(1)]	$ 13,520	$ 6,630

(1) As of March 31, 2023, all debt and preferred equity investments on non-accrual had an allowance for loan loss except for two debt investments with carrying values of $225.4 million and $50.0 million.

As of March 31, 2023 and December 31, 2022, all debt and preferred equity investments were performing in accordance with their respective terms, with the exception of two investments with carrying values, net of reserves, of $49.8 million and $0.0 million as discussed in the Debt Investments and Preferred Equity Investments tables further below.

No other financing receivables were 90 days past due as of March 31, 2023 and December 31, 2022.

The following table sets forth the carrying value of our debt and preferred equity investment portfolio by risk rating as of March 31, 2023 and December 31, 2022 (dollars in thousands):

Risk Rating	March 31, 2023	December 31, 2022
1 - Low Risk Assets - Low probability of loss	**$ 232,642**	$ 264,069
2 - Watch List Assets - Higher potential for loss	**394,161**	352,321
3 - High Risk Assets - Loss more likely than not	**—**	6,890
	$ 626,803	$ 623,280

The following table sets forth the carrying value of our debt and preferred equity investment portfolio by year of origination and risk rating as of March 31, 2023 (dollars in thousands):

	As of March 31, 2023				
Risk Rating	**2023 [1]**	**2022 [1]**	**2021 [1]**	**Prior [1][2]**	**Total**
1 - Low Risk Assets - Low probability of loss	$ —	$ —	$ —	$ 232,642	**$ 232,642**
2 - Watch List Assets - Higher potential for loss	—	—	79,865	314,296	**394,161**
3 - High Risk Assets - Loss more likely than not	—	—	—	—	**—**
	$ —	$ —	$ 79,865	$ 546,938	**$ 626,803**

(1) Year in which the investment was originated or acquired by us or in which a material modification occurred.
(2) During the three months ended March 31, 2023, we recognized a $6.9 million provision for loan loss related to an investment originated prior to 2021.

We have determined that we have one portfolio segment of financing receivables as of March 31, 2023 and December 31, 2022 comprised of commercial real estate which is primarily recorded in debt and preferred equity investments.

Included in Other assets is an additional amount of financing receivables representing loans to joint venture partners totaling $9.1 million and $9.0 million as of March 31, 2023 and December 31, 2022, respectively. The Company recorded no provisions for loan losses related to these financing receivables for the three months ended March 31, 2023 and 2022. All of these loans have a risk rating of 2 and were performing in accordance with their respective terms. One loan with a carrying value of $5.8 million was put on non-accrual in July 2020 and remains on non-accrual as of March 31, 2023. No investment income has been recognized subsequent to it being put on non-accrual.

Debt Investments

As of March 31, 2023 and December 31, 2022, we held the following debt investments with an aggregate weighted average current yield of 5.74% as of March 31, 2023 (dollars in thousands):

Loan Type	March 31, 2023 Future Funding Obligations	March 31, 2023 Senior Financing	March 31, 2023 Carrying Value (1)	December 31, 2022 Carrying Value (1)	Maturity Date (2)
Fixed Rate Investments:					
Mezzanine Loan (3)	$ —	$ 408,672	$ 225,367	$ 225,367	June 2023
Mezzanine Loan	—	286,393	79,864	77,109	June 2023
Mezzanine Loan (4)(5)	—	105,000	13,366	13,366	June 2024
Mezzanine Loan	—	95,000	30,000	30,000	January 2025
Mezzanine Loan	—	85,000	20,000	20,000	December 2029
Total fixed rate	$ —	$ 980,065	$ 368,597	$ 365,842	
Floating Rate Investments:					
Mezzanine Loan (6)	$ —	$ 275,000	$ 50,000	$ 50,000	April 2023
Mezzanine Loan	3,761	54,000	8,243	8,243	May 2023
Mezzanine Loan	12,347	231,673	52,583	46,884	May 2023
Mezzanine Loan (7)	—	186,084	39,083	39,083	July 2023
Total floating rate	$ 16,108	$ 746,757	$ 149,909	$ 144,210	
Allowance for loan loss	$ —	$ —	$ (13,520)	$ (6,630)	
Total	$ 16,108	$ 1,726,822	$ 504,986	$ 503,422	

(1) Carrying value is net of discounts, premiums, original issue discounts and deferred origination fees.
(2) Represents contractual maturity, excluding any extension options to the extent they have not been exercised as of the date of this filing.
(3) This loan was put on non-accrual in July 2020 and remains on non-accrual as of March 31, 2023. No investment income has been recognized subsequent to it being put on non-accrual. The Company is in discussions with the borrower with respect to the loan.
(4) Carrying value is net of a $12.0 million participation that was sold and did not meet the conditions for sale accounting. That participation is included in Other assets and Other liabilities on the consolidated balance sheets as a result.
(5) This loan went into default and was put on non-accrual in June 2020 and remains on non-accrual as of March 31, 2023. No investment income has been recognized subsequent to it being put on non-accrual. In the first quarter of 2023, the Company fully reserved the balance of the investment. Additionally, we determined the borrower entity to be a VIE, in which we are not the primary beneficiary.
(6) This loan went into default and was put on non-accrual in January 2023 and remains on non-accrual as of March 31, 2023. No investment income has been recognized subsequent to it being put on non-accrual. The Company is in discussions with the borrower with respect to the loan.
(7) This loan went into default in April 2023. The Company is in discussions with the borrower with respect to the loan.

Preferred Equity Investments

As of March 31, 2023 and December 31, 2022, we held the following preferred equity investment with an aggregate weighted average current yield of 6.55% as of March 31, 2023 (dollars in thousands):

Type	March 31, 2023 Future Funding Obligations	March 31, 2023 Senior Financing	March 31, 2023 Carrying Value (1)	December 31, 2022 Carrying Value (1)	Mandatory Redemption (2)
Preferred Equity	$ —	$ 250,000	$ 121,817	$ 119,858	February 2027
Allowance for loan loss	$ —	$ —	$ —	$ —	
Total	$ —	$ 250,000	$ 121,817	$ 119,858	

(1) Carrying value is net of deferred origination fees.
(2) Represents contractual redemption, excluding any unexercised extension options.

6. Investments in Unconsolidated Joint Ventures

We have investments in several real estate joint ventures with various partners. As of March 31, 2023, the book value of these investments was $3.2 billion, net of investments with negative book values totaling $116.0 million for which we have an implicit commitment to fund future capital needs.

As of March 31, 2023 and December 31, 2022, 800 Third Avenue and 21 East 66th Street are VIEs in which we are not the primary beneficiary. Our net equity investment in these VIEs was $79.9 million and $86.2 million as of March 31, 2023 and December 31, 2022, respectively. Our maximum loss is limited to the amount of our equity investment in these VIEs. See the "Principles of Consolidation" section of Note 2, "Significant Accounting Policies." All other investments below are voting interest entities. As we do not control the joint ventures listed below, we account for them under the equity method of accounting.

The table below provides general information on each of our joint ventures as of March 31, 2023:

Property	Partner	Ownership Interest [(1)]	Economic Interest [(1)]	Unaudited Approximate Square Feet
100 Park Avenue	Prudential Real Estate Investors	49.90%	49.90%	834,000
717 Fifth Avenue	Wharton Properties / Private Investor	10.92%	10.92%	119,500
800 Third Avenue	Private Investors	60.52%	60.52%	526,000
919 Third Avenue	New York State Teacher's Retirement System	51.00%	51.00%	1,454,000
11 West 34th Street	Private Investor / Wharton Properties	30.00%	30.00%	17,150
280 Park Avenue	Vornado Realty Trust	50.00%	50.00%	1,219,158
1552-1560 Broadway [(2)]	Wharton Properties	50.00%	50.00%	57,718
10 East 53rd Street	Canadian Pension Plan Investment Board	55.00%	55.00%	354,300
21 East 66th Street [(3)]	Private Investors	32.28%	32.28%	13,069
650 Fifth Avenue [(4)]	Wharton Properties	50.00%	50.00%	69,214
11 Madison Avenue	PGIM Real Estate	60.00%	60.00%	2,314,000
One Vanderbilt Avenue	National Pension Service of Korea / Hines Interest LP	71.01%	71.01%	1,657,198
Worldwide Plaza	RXR Realty / New York REIT	24.95%	24.95%	2,048,725
1515 Broadway	Allianz Real Estate of America	56.87%	56.87%	1,750,000
2 Herald Square	Israeli Institutional Investor	51.00%	51.00%	369,000
115 Spring Street	Private Investor	51.00%	51.00%	5,218
15 Beekman [(5)]	A fund managed by Meritz Alternative Investment Management	20.00%	20.00%	221,884
85 Fifth Avenue	Wells Fargo	36.27%	36.27%	12,946
One Madison Avenue [(6)]	National Pension Service of Korea / Hines Interest LP / International Investor	25.50%	25.50%	1,048,700
220 East 42nd Street	A fund managed by Meritz Alternative Investment Management	51.00%	51.00%	1,135,000
450 Park Avenue [(7)]	Korean Institutional Investor / Israeli Institutional Investor	50.10%	25.10%	337,000
5 Times Square	RXR Realty led investment group	31.55%	31.55%	1,131,735

(1) Ownership interest and economic interest represent the Company's interests in the joint venture as of March 31, 2023. Changes in ownership or economic interests within the current year are disclosed in the notes below.
(2) The joint venture that owns 1552 Broadway also owns a long-term leasehold interest in the retail space and certain other spaces at 1560 Broadway, which is adjacent to 1552 Broadway.
(3) We hold a 32.28% interest in three retail units and one residential unit at the property and a 16.14% interest in two residential units at the property.
(4) The joint venture owns a long-term leasehold interest in the retail space at 650 Fifth Avenue.
(5) In 2020, the Company formed a joint venture, which the joint venture then entered into a long-term sublease with the Company.
(6) In 2020, the Company admitted partners to the One Madison Avenue development project, which resulted in the Company no longer retaining a controlling interest in the entity, as defined in ASC 810, and the deconsolidation of our remaining 50.5% interest. We recorded our investment at fair value, which resulted in the recognition of a fair value adjustment of $187.5 million. The fair value of our investment was determined by the terms of the joint venture agreement governing the capitalization of the project. The partners have committed aggregate equity to the project totaling no less than $501.8 million and their ownership interest in the joint venture is based on their capital contributions, up to an aggregate maximum of 49.5%. As of March 31, 2023, the total of the two partners' ownership interests based on equity contributed was 40.0%. In 2021, the Company admitted an additional partner to the development project for a committed aggregate equity investment totaling no less than $259.3 million. The partner's indirect ownership interest in the joint venture is based on it's capital contributions, up to an aggregate maximum of 25.0%. The transaction did not meet sale accounting under ASC 860 and, as a result, was treated as a secured borrowing for accounting purposes and is included in Other liabilities in our consolidated balance sheets at March 31, 2023 and December 31, 2022.
(7) The 50.1% ownership interest reflected in this table is comprised of our 25.1% economic interest and a 25.0% economic interest held by a third-party. The third-party's economic interest is held within a joint venture that we consolidate and recognize in Noncontrolling interests in other partnerships on our consolidated balance sheet. An additional third-party owns the remaining 49.9% economic interest in the property.

Disposition of Joint Venture Interests or Properties

The following table summarizes the investments in unconsolidated joint ventures sold during the three months ended March 31, 2023:

Property	Ownership Interest Disposed	Disposition Date	Gross Asset Valuation (in millions)	Loss on Sale (in millions) [1]
121 Greene Street	50.0%	February 2023	$ 14.0	$ (0.3)

(1) Represents the Company's share of the loss.

Joint Venture Mortgages and Other Loans Payable

We generally finance our joint ventures with non-recourse debt. In certain cases, we may provide guarantees or master leases, which terminate upon the satisfaction of specified circumstances or repayment of the underlying loans. The mortgage notes and other loans payable collateralized by the respective joint venture properties and assignment of leases as of March 31, 2023 and December 31, 2022, respectively, are as follows (dollars in thousands):

SL Green Realty Corp. and SL Green Operating Partnership, L.P.
Notes to Consolidated Financial Statements (cont.)
March 31, 2023
(unaudited)

Property	Economic Interest (1)	Maturity Date	Final Maturity Date (2)	Interest Rate (3)	March 31, 2023	December 31, 2022
Fixed Rate Debt:						
717 Fifth Avenue	10.92 %	July 2022 (4)	July 2022 (4)	5.02%	**$ 655,328**	$ 655,328
650 Fifth Avenue	50.00 %	April 2023 (4)	April 2023 (4)	5.45%	**65,000**	65,000
919 Third Avenue (5)	51.00 %	June 2023 (5)	June 2023 (5)	5.12%	**500,000**	500,000
220 East 42nd Street	51.00 %	June 2023	June 2025	5.75%	**510,000**	510,000
280 Park Avenue	50.00 %	September 2023	September 2024	6.06%	**1,200,000**	1,200,000
5 Times Square	31.55 %	September 2024	September 2026	7.00%	**400,000**	400,000
10 East 53rd Street	55.00 %	February 2025	February 2025	5.35%	**220,000**	220,000
1515 Broadway	56.87 %	March 2025	March 2025	3.93%	**777,212**	782,321
450 Park Avenue	25.10 %	June 2025	June 2027	6.10%	**267,000**	267,000
11 Madison Avenue	60.00 %	September 2025	September 2025	3.84%	**1,400,000**	1,400,000
One Madison Avenue (6)	25.50 %	November 2025	November 2026	3.94%	**534,149**	467,008
800 Third Avenue	60.52 %	February 2026	February 2026	3.37%	**177,000**	177,000
Worldwide Plaza	24.95 %	November 2027	November 2027	3.98%	**1,200,000**	1,200,000
One Vanderbilt Avenue	71.01 %	July 2031	July 2031	2.95%	**3,000,000**	3,000,000
21 East 66th Street					**—**	12,000
Total fixed rate debt					**$ 10,905,689**	$ 10,855,657
Floating Rate Debt:						
1552 Broadway	50.00 %	December 2022 (7)	December 2022 (7)	L+ 2.65%	**$ 193,132**	$ 193,132
11 West 34th Street	30.00 %	February 2023 (4)	February 2023 (4)	L+ 1.45%	**23,000**	23,000
650 Fifth Avenue	50.00 %	April 2023 (4)	April 2023 (4)	S+ 2.50%	**210,000**	210,000
115 Spring Street	51.00 %	September 2023	September 2023	L+ 3.40%	**65,550**	65,550
2 Herald Square	51.00 %	November 2023	November 2023	S+ 2.06%	**182,500**	182,500
100 Park Avenue	49.90 %	December 2023	December 2025	L+ 2.25%	**360,000**	360,000
15 Beekman (8)	20.00 %	January 2024	July 2025	L+ 1.50%	**95,594**	86,738
5 Times Square	31.55 %	September 2024	September 2026	S+ 5.75%	**538,861**	495,924
21 East 66th Street	32.28 %	April 2027	April 2027	S+ 1.75%	**12,000**	—
21 East 66th Street	32.28 %	June 2033	June 2033	T+ 2.75%	**576**	586
121 Greene Street					**—**	12,550
Total floating rate debt					**$ 1,681,213**	$ 1,629,980
Total joint venture mortgages and other loans payable					**$ 12,586,902**	$ 12,485,637
Deferred financing costs, net					**(125,212)**	(136,683)
Total joint venture mortgages and other loans payable, net					**$ 12,461,690**	$ 12,348,954

(1) Economic interest represents the Company's interests in the joint venture as of March 31, 2023. Changes in ownership or economic interests, if any, within the current year are disclosed in the notes to the investment in unconsolidated joint ventures table above.
(2) Reflects exercise of all available options. The ability to exercise extension options may be subject to certain conditions, including meeting tests based on the operating performance of the property.
(3) Interest rates as of March 31, 2023, taking into account interest rate hedges in effect during the period. Floating rate debt is presented with the stated spread over the 30-day LIBOR ("L"), Term SOFR ("S") or 1-year Treasury ("T").
(4) As of the date of this filing, the loan is in maturity default. The Company is in discussions with the lender on a resolution.
(5) In April 2023, the joint venture closed on a refinancing of the loan. The new $500.0 million mortgage has an initial maturity date of April 2026, with two one-year extension options, and bears interest at a floating rate of Term SOFR plus 250 basis points, which has been swapped to a fixed rate of 6.11% through February 2026.
(6) The loan is a $1.25 billion construction facility with an initial term of five years with one, one year extension option. Advances under the loan are subject to costs incurred. In conjunction with the loan, the Company provided partial guarantees for interest and principal payments, the amounts of which are based on certain construction milestones and operating metrics.
(7) In April 2023, the maturity date of the loan was extended to February 2024 and transitioned to Term SOFR plus 265 basis points.
(8) This loan is a $125.0 million construction facility. Advances under the loan are subject to costs incurred.

We are entitled to receive fees for providing management, leasing, construction supervision and asset management services to certain of our joint ventures. We earned $4.9 million and $6.2 million from these services, net of our ownership share of the joint ventures, for the three months ended March 31, 2023 and 2022, respectively. In addition, we have the ability to earn incentive fees based on the ultimate financial performance of certain of the joint venture properties.

The combined balance sheets for the unconsolidated joint ventures, at March 31, 2023 and December 31, 2022 are as follows (in thousands):

	March 31, 2023	December 31, 2022
***Assets* (1)**		
Commercial real estate property, net	**$ 16,030,967**	$ 15,989,642
Cash and restricted cash	**676,093**	709,299
Tenant and other receivables, related party receivables, and deferred rents receivable	**635,674**	601,552
Other assets	**2,529,059**	2,551,426
Total assets	**$ 19,871,793**	$ 19,851,919
***Liabilities and equity* (1)**		
Mortgages and other loans payable, net	**$ 12,461,690**	$ 12,348,954
Deferred revenue	**1,073,926**	1,077,901
Lease liabilities	**997,959**	1,000,356
Other liabilities	**456,814**	456,537
Equity	**4,881,404**	4,968,171
Total liabilities and equity	**$ 19,871,793**	$ 19,851,919
Company's investments in unconsolidated joint ventures	**$ 3,164,729**	$ 3,190,137

(1) At March 31, 2023, $562.9 million of net unamortized basis differences between the amount at which our investments are carried and our share of equity in net assets of the underlying property will be amortized through equity in net income (loss) from unconsolidated joint ventures over the remaining life of the underlying items having given rise to the differences.

The combined statements of operations for the unconsolidated joint ventures, from acquisition date through the three months ended March 31, 2023 and 2022, are as follows (in thousands):

	Three Months Ended March 31,	
	2023	2022
Total revenues	**$ 389,452**	$ 335,266
Operating expenses	**61,968**	59,914
Real estate taxes	**65,740**	60,722
Operating lease rent	**7,181**	6,268
Interest expense, net of interest income	**129,477**	94,913
Amortization of deferred financing costs	**7,045**	6,757
Depreciation and amortization	**125,266**	112,713
Total expenses	**396,677**	341,287
Net loss before loss on sale	**$ (7,225)**	$ (6,021)
Company's equity in net loss from unconsolidated joint ventures	**$ (7,412)**	$ (4,715)

7. Deferred Costs

Deferred costs as of March 31, 2023 and December 31, 2022 consisted of the following (in thousands):

	March 31, 2023	December 31, 2022
Deferred leasing costs	**$ 406,407**	$ 407,188
Less: accumulated amortization	**(288,805)**	(286,031)
Deferred costs, net	**$ 117,602**	$ 121,157

8. Mortgages and Other Loans Payable

The mortgages and other loans payable collateralized by the respective properties and assignment of leases or debt investments as of March 31, 2023 and December 31, 2022, respectively, were as follows (dollars in thousands):

Property	Maturity Date	Final Maturity Date (1)	Interest Rate (2)	March 31, 2023	December 31, 2022
Fixed Rate Debt:					
719 Seventh Avenue	September 2023	September 2023	4.70%	**$ 50,000**	$ 50,000
7 Dey / 185 Broadway (3)	November 2023	November 2023	7.59%	**200,000**	200,000
420 Lexington Avenue	October 2024	October 2040	3.99%	**281,591**	283,064
100 Church Street	June 2025	June 2027	5.89%	**370,000**	370,000
Landmark Square	January 2027	January 2027	4.90%	**100,000**	100,000
485 Lexington Avenue	February 2027	February 2027	4.25%	**450,000**	450,000
245 Park Avenue	June 2027	June 2027	4.22%	**1,712,750**	1,712,750
Total fixed rate debt				**$ 3,164,341**	$ 3,165,814
Floating Rate Debt:					
7 Dey / 185 Broadway (3)	November 2023	November 2023	S+ 2.85%	**$ 10,148**	$ 10,148
690 Madison Avenue	July 2024	July 2025	L+ 1.50%	**60,000**	60,000
Total floating rate debt				**$ 70,148**	$ 70,148
Total mortgages and other loans payable				**$ 3,234,489**	$ 3,235,962
Deferred financing costs, net of amortization				**(7,708)**	(8,399)
Total mortgages and other loans payable, net				**$ 3,226,781**	$ 3,227,563

(1) Reflects exercise of all available options. The ability to exercise extension options may be subject to certain tests based on the operating performance of the property.
(2) Interest rate as of March 31, 2023, taking into account interest rate hedges in effect during the period. Floating rate debt is presented with the stated spread over the 30-day LIBOR ("L") or Term SOFR ("S"), unless otherwise specified.
(3) This loan is a $225.0 million construction facility, with reductions in interest cost based on meeting certain conditions, and has an initial three year term with two one year extension options. Both extension options were exercised in October 2021 and 2022, respectively. Advances under the loan are subject to incurred costs and funded equity requirements.

As of March 31, 2023 and December 31, 2022, the gross book value of the properties collateralizing the mortgages and other loans payable was approximately $3.8 billion and $3.8 billion, respectively.

9. Corporate Indebtedness

2021 Credit Facility

In December 2021, we entered into an amended and restated credit facility, referred to as the 2021 credit facility, that was previously amended by the Company in November 2017, or the 2017 credit facility, and was originally entered into by the Company in November 2012, or the 2012 credit facility. As of March 31, 2023, the 2021 credit facility consisted of a $1.25 billion revolving credit facility, a $1.05 billion term loan (or "Term Loan A"), and a $200.0 million term loan (or "Term Loan B") with maturity dates of May 15, 2026, May 15, 2027, and November 21, 2024, respectively. The revolving credit facility has two six-month, as-of-right extension options to May 15, 2027. We also have an option, subject to customary conditions, to increase the capacity of the credit facility to $4.5 billion at any time prior to the maturity dates for the revolving credit facility and term loans without the consent of existing lenders, by obtaining additional commitments from our existing lenders and other financial institutions.

As of March 31, 2023, the 2021 credit facility bore interest at a spread over adjusted Term SOFR plus 10 basis points with an interest period of one or three months, as we may elect, ranging from (i) 72.5 basis points to 140 basis points for loans under the revolving credit facility, (ii) 80 basis points to 160 basis points for loans under Term Loan A, and (iii) 85 basis points to 165 basis points for loans under Term Loan B, in each case based on the credit rating assigned to the senior unsecured long term indebtedness of the Company. In instances where there are either only two ratings available or where there are more than two and the difference between them is one rating category, the applicable rating shall be the highest rating. In instances where there are more than two ratings and the difference between the highest and the lowest is two or more rating categories, then the applicable rating used is the average of the highest two, rounded down if the average is not a recognized category.

As of March 31, 2023, the applicable spread over adjusted Term SOFR plus 10 basis points was 105 basis points for the revolving credit facility, 120 basis points for Term Loan A, and 125 basis points for Term Loan B. We are required to pay quarterly in arrears a 12.5 to 30 basis point facility fee on the total commitments under the revolving credit facility based on the credit rating assigned to the senior unsecured long term indebtedness of the Company. As of March 31, 2023, the facility fee was 25 basis points.

As of March 31, 2023, we had $2.0 million of outstanding letters of credit, $490.0 million drawn under the revolving credit facility and $1.25 billion outstanding under the term loan facilities, with total undrawn capacity of $760.0 million under the 2021 credit facility. As of March 31, 2023 and December 31, 2022, the revolving credit facility had a carrying value of $483.6 million and $443.2 million, respectively, net of deferred financing costs. As of March 31, 2023 and December 31, 2022, the term loan facilities had a carrying value of $1.2 billion and $1.2 billion, respectively, net of deferred financing costs.

The Company and the Operating Partnership are borrowers jointly and severally obligated under the 2021 credit facility.

The 2021 credit facility includes certain restrictions and covenants (see Restrictive Covenants below).

2022 Term Loan

In October 2022, we entered into a term loan agreement, referred to as the 2022 term loan. As of March 31, 2023, the 2022 term loan consisted of a $425.0 million term loan with a maturity date of October 6, 2023. The 2022 term loan has one six-month as-of-right extension option to April 6, 2024. We also had an option, subject to customary conditions, to increase the capacity of the 2022 term loan to $500.0 million on or before January 7, 2023 without the consent of existing lenders, by obtaining additional commitments from our existing lenders and other financial institutions. In January 2023, the 2022 term loan was increased by $25.0 million to $425.0 million.

As of March 31, 2023, the 2022 term loan bore interest at a spread over adjusted Term SOFR plus 10 basis points, ranging from 100 basis points to 180 basis points, in each case based on the credit rating assigned to the senior unsecured long-term indebtedness of the Company. In instances where there are either only two ratings available or where there are more than two and the difference between them is one rating category, the applicable rating shall be the highest rating. In instances where there are more than two ratings and the difference between the highest and the lowest is two or more rating categories, then the applicable rating used is the average of the highest two, rounded down if the average is not a recognized category. As of March 31, 2023, the applicable spread over adjusted Term SOFR plus 10 basis points was 140 basis points. As of March 31, 2023 and December 31, 2022, the 2022 term loan had a carrying value of $423.4 million and $398.2 million, respectively, net of deferred financing costs.

The Company and the Operating Partnership are borrowers jointly and severally obligated under the 2022 term loan.

The 2022 term loan includes certain restrictions and covenants (see Restrictive Covenants below).

Senior Unsecured Notes

The following table sets forth our senior unsecured notes and other related disclosures as of March 31, 2023 and December 31, 2022, respectively, by scheduled maturity date (dollars in thousands):

Issuance	March 31, 2023 Unpaid Principal Balance	March 31, 2023 Accreted Balance	December 31, 2022 Accreted Balance	Interest Rate (1)	Initial Term (in Years)	Maturity Date
December 17, 2015 (2)	**$ 100,000**	**$ 100,000**	$ 100,000	4.27 %	10	December 2025
	$ 100,000	**$ 100,000**	$ 100,000			
Deferred financing costs, net	**—**	**(282)**	(308)			
	$ 100,000	**$ 99,718**	$ 99,692			

(1) Interest rate as of March 31, 2023.
(2) Issued by the Company and the Operating Partnership as co-obligors.

Restrictive Covenants

The terms of the 2021 credit facility, 2022 term loan and certain of our senior unsecured notes include certain restrictions and covenants which may limit, among other things, our ability to pay dividends, make certain types of investments, incur additional indebtedness, incur liens and enter into negative pledge agreements and dispose of assets, and which require compliance with financial ratios relating to the maximum ratio of total indebtedness to total asset value, a minimum ratio of EBITDA to fixed charges, a maximum ratio of secured indebtedness to total asset value and a maximum ratio of unsecured indebtedness to unencumbered asset value. The dividend restriction referred to above provides that we will not, during any time when a default is continuing, make distributions with respect to common stock or other equity interests, except to enable the Company to continue to qualify as a REIT for Federal income tax purposes. As of March 31, 2023 and December 31, 2022, we were in compliance with all such covenants.

Junior Subordinated Deferrable Interest Debentures

In June 2005, the Company and the Operating Partnership issued $100.0 million in unsecured trust preferred securities through a newly formed trust, SL Green Capital Trust I, or the Trust, which is a wholly-owned subsidiary of the Operating Partnership. The securities mature in 2035 and bear interest at a floating rate of 125 basis points over the three-month LIBOR. Interest payments may be deferred for a period of up to eight consecutive quarters if the Operating Partnership exercises its right to defer such payments. The Trust preferred securities are redeemable at the option of the Operating Partnership, in whole or in part, with no prepayment premium. We do not consolidate the Trust even though it is a variable interest entity as we are not the primary beneficiary. Because the Trust is not consolidated, we have recorded the debt on our consolidated balance sheets and the related payments are classified as interest expense.

Principal Maturities

Combined aggregate principal maturities of mortgages and other loans payable, the 2021 credit facility, the 2022 term loan, trust preferred securities, senior unsecured notes and our share of joint venture debt as of March 31, 2023, including as-of-right extension options, were as follows (in thousands):

	Scheduled Amortization	Principal	Revolving Credit Facility	Unsecured Term Loans	Trust Preferred Securities	Senior Unsecured Notes	Total	Joint Venture Debt
Remaining 2023	$ 4,353	$ 260,149	$ —	$ —	$ —	$ —	$ 264,502	$ 1,146,281
2024	4,488	332,749	—	625,000	—	—	962,237	927,320
2025	—	370,000	—	—	—	100,000	470,000	1,585,610
2026	—	—	—	—	—	—	—	107,137
2027	—	2,262,750	490,000	1,000,000	—	—	3,752,750	299,417
Thereafter	—	—	—	50,000	100,000	—	150,000	2,130,404
	$ 8,841	$ 3,225,648	$ 490,000	$ 1,675,000	$ 100,000	$ 100,000	$ 5,599,489	$ 6,196,169

Consolidated interest expense, excluding capitalized interest, was comprised of the following (in thousands):

	Three Months Ended March 31, 2023	Three Months Ended March 31, 2022
Interest expense before capitalized interest	**$ 64,843**	$ 32,052
Interest on financing leases	**1,106**	1,237
Interest capitalized	**(25,464)**	(17,941)
Amortization of discount on assumed debt	**1,487**	—
Interest income	**(319)**	(278)
Interest expense, net	**$ 41,653**	$ 15,070

10. Related Party Transactions

Cleaning/ Security/ Messenger and Restoration Services

Prior to 2023, Alliance Building Services, or Alliance, and its affiliates, which provide services to certain properties owned by us, were previously partially owned by Gary Green, a son of Stephen L. Green, who serves as a member and as the chairman emeritus of our Board of Directors. Alliance's affiliates include First Quality Maintenance, L.P., or First Quality, Classic Security LLC, Bright Star Couriers LLC and Onyx Restoration Works, and provide cleaning, extermination, security, messenger, and restoration services, respectively. In addition, First Quality has the non-exclusive opportunity to provide cleaning and related services to individual tenants at our properties on a basis separately negotiated with any tenant seeking such additional services. The Service Corporation has entered into an arrangement with Alliance whereby it will receive a profit participation above a certain threshold for services provided by Alliance to certain tenants at certain buildings above the base services specified in their lease agreements.

Income earned from the profit participation while Alliance was partially owned by Gary Green prior to 2023, which is included in Other income on the consolidated statements of operations, was $0.7 million for the three months ended March 31, 2022. We also recorded expenses, inclusive of capitalized expenses, of $4.3 million for these services (excluding services provided directly to tenants) for the three months ended March 31, 2022.

One Vanderbilt Avenue Investment

In December 2016, we entered into agreements with entities owned and controlled by our Chairman and CEO, Marc Holliday, and our President, Andrew Mathias, pursuant to which they agreed to make an investment in our One Vanderbilt project (inclusive of the property and Summit One Vanderbilt) at the appraised fair market value for the interests acquired. This investment entitles these entities to receive approximately 1.50% - 1.80% and 1.00% - 1.20%, respectively, of any profits realized by the Company from its One Vanderbilt project in excess of the Company's capital contributions. The entities have no right to any return of capital. Accordingly, subject to previously disclosed repurchase rights, these interests will have no value and will not entitle these entities to any amounts (other than limited distributions to cover tax liabilities incurred) unless and until the Company has received distributions from the One Vanderbilt project in excess of the Company's aggregate investment in the project. In the event that the Company does not realize a profit on its investment in the project (or would not realize a profit based on the value at the time the interests are repurchased), the entities owned and controlled by Messrs. Holliday and Mathias will lose the entire amount of their investment. The entities owned and controlled by Messrs. Holliday and Mathias paid $1.4 million and $1.0 million, respectively, which equaled the fair market value of the interests acquired as of the date the investment agreements were entered into as determined by an independent third party appraisal that we obtained.

Messrs. Holliday and Mathias have the right to tender their interests in the project upon stabilization (50% within three years after stabilization and 100% three years or more after stabilization). In addition, the agreement calls for us to repurchase these interests in the event of a sale of One Vanderbilt or a transactional change of control of the Company. We also have the right to repurchase these interests on the 7-year anniversary of the stabilization of the project or upon the occurrence of certain separation events prior to the stabilization of the project relating to each of Messrs. Holliday's and Mathias's continued service with us. The price paid upon a tender of the interests will equal the liquidation value of the interests at the time, with the value being based on the project's sale price, if applicable, or fair market value as determined by an independent third party appraiser. In 2022, stabilization of the property (but not Summit One Vanderbilt) was achieved. Therefore, Messrs. Holiday and Mathias exercised their rights to tender 50% of their interests in the property (but not Summit One Vanderbilt) for liquidation values of $17.9 million and $11.9 million, respectively, which were paid in July 2022.

One Vanderbilt Avenue Leases

In November 2018, we entered into a lease agreement with the One Vanderbilt Avenue joint venture covering certain floors at the property. In March 2021, the lease commenced and we relocated our corporate headquarters to the leased space. For the three months ended March 31, 2023 and 2022 we recorded $0.7 million and $0.7 million, respectively, of rent expense under the lease. Additionally, in June 2021, we, through a wholly-owned subsidiary, entered into a lease agreement with the One Vanderbilt Avenue joint venture for Summit One Vanderbilt, which commenced in October 2021. For the three months ended March 31, 2023 and 2022 we recorded $6.3 million and $9.8 million, respectively, of rent expense under the lease, including percentage rent, of which $4.1 million and $6.6 million, respectively, was recognized as income as a component of Equity in net loss from unconsolidated joint ventures in our consolidated statements of operations.

Other

We are entitled to receive fees for providing management, leasing, construction supervision and asset management services to certain of our joint ventures as further described in Note 6, "Investments in Unconsolidated Joint Ventures." Amounts due from joint ventures and related parties as of March 31, 2023 and December 31, 2022 consisted of the following (in thousands):

	March 31, 2023	December 31, 2022
Due from joint ventures	**$ 25,976**	$ 26,812
Other	**818**	540
Related party receivables	**$ 26,794**	$ 27,352

11. Noncontrolling Interests on the Company's Consolidated Financial Statements

Noncontrolling interests represent the common and preferred units of limited partnership interest in the Operating Partnership not held by the Company as well as third party equity interests in our other consolidated subsidiaries. Noncontrolling interests in the Operating Partnership are shown in the mezzanine equity while the noncontrolling interests in our other consolidated subsidiaries are shown in the equity section of the Company's consolidated financial statements.

Common Units of Limited Partnership Interest in the Operating Partnership

As of March 31, 2023 and December 31, 2022, the noncontrolling interest unit holders owned 6.18%, or 4,239,335 units, and 5.39%, or 3,670,343 units, of the Operating Partnership, respectively. As of March 31, 2023, 4,239,335 shares of our common stock were reserved for issuance upon the redemption of units of limited partnership interest of the Operating Partnership.

Noncontrolling interests in the Operating Partnership is recorded at the greater of its cost basis or fair market value based on the closing stock price of our common stock at the end of the reporting period.

Below is a summary of the activity relating to the noncontrolling interests in the Operating Partnership for the three months ended March 31, 2023 and the twelve months ended December 31, 2022 (in thousands):

	March 31, 2023	December 31, 2022
Balance at beginning of period	**$ 269,993**	$ 344,252
Distributions	**(3,822)**	(16,272)
Issuance of common units	**6,265**	22,855
Redemption and conversion of common units	**(5,220)**	(40,901)
Net loss	**(2,337)**	(5,794)
Accumulated other comprehensive (loss) income allocation	**(1,851)**	5,827
Fair value adjustment	**10,147**	(39,974)
Balance at end of period	**$ 273,175**	$ 269,993

Preferred Units of Limited Partnership Interest in the Operating Partnership

Below is a summary of the preferred units of limited partnership interest in the Operating Partnership as of March 31, 2023:

Issuance	Stated Distribution Rate	Number of Units Authorized	Number of Units Issued	Number of Units Outstanding	Annual Dividend Per Unit(1)	Liquidation Preference Per Unit(2)	Conversion Price Per Unit(3)	Date of Issuance
Series A (4)	3.50 %	109,161	109,161	109,161	$ 35.0000	$ 1,000.00	$ —	August 2015
Series F	7.00 %	60	60	60	70.0000	1,000.00	29.12	January 2007
Series K	3.50 %	700,000	563,954	341,677	0.8750	25.00	134.67	August 2014
Series L	4.00 %	500,000	378,634	372,634	1.0000	25.00	—	August 2014
Series P	4.00 %	200,000	200,000	200,000	1.0000	25.00	—	July 2015
Series Q	3.50 %	268,000	268,000	268,000	0.8750	25.00	148.95	July 2015
Series R	3.50 %	400,000	400,000	400,000	0.8750	25.00	154.89	August 2015
Series S	4.00 %	1,077,280	1,077,280	1,077,280	1.0000	25.00	—	August 2015
Series V	3.50 %	40,000	40,000	40,000	0.8750	25.00	—	May 2019
Series W (5)	(6)	1	1	1	(6)	(6)	(6)	January 2020

(1) Dividends are cumulative, subject to certain provisions.
(2) Units are redeemable at any time at par for cash at the option of the unit holder unless otherwise specified.
(3) If applicable, units are convertible into a number of common units of limited partnership interest in the Operating Partnership equal to (i) the liquidation preference plus accumulated and unpaid distributions on the conversion date divided by (ii) the amount shown in the table.
(4) Issued through a consolidated subsidiary. The units are convertible on a one-for-one basis, into the Series B Preferred Units of limited partnership interest, or the Subsidiary Series B Preferred Units. The Subsidiary Series B Preferred Units can be converted at any time after July 15, 2024 at the option of the unitholder, into a number of common stock equal to 6.71348 shares of common stock for each Subsidiary Series B Preferred Unit. As such, no Subsidiary Series B Preferred Units have been issued as of March 31, 2023.
(5) The Series W preferred unit was issued in January 2020 in exchange for the then-outstanding Series O preferred unit. The holder of the Series W preferred unit is entitled to quarterly dividends in an amount calculated as (i) 1,350 multiplied by (ii) the current distribution per common unit of limited partnership in SL Green Operating Partnership. The holder has the right to require the Operating Partnership to repurchase the Series W unit for cash, or convert the Series W unit for Class B units, in each case at a price that is determined based on the closing price of the Company's common stock at the time such right is exercised. The unit's liquidation preference is the fair market value of the unit plus accrued distributions at the time of a liquidation event.

Below is a summary of the activity relating to the preferred units in the Operating Partnership for the three months ended March 31, 2023 and the twelve months ended December 31, 2022 (in thousands):

	March 31, 2023	December 31, 2022
Balance at beginning of period	**$ 177,943**	$ 196,075
Issuance of preferred units	**—**	—
Redemption of preferred units	**—**	(17,967)
Dividends paid on preferred units	**(1,449)**	(6,198)
Accrued dividends on preferred units	**1,449**	6,033
Balance at end of period	**$ 177,943**	$ 177,943

12. Stockholders’ Equity of the Company

Common Stock

Our authorized capital stock consists of 260,000,000 shares, $0.01 par value per share, consisting of 160,000,000 shares of common stock, $0.01 par value per share, 75,000,000 shares of excess stock, at $0.01 par value per share, and 25,000,000 shares of preferred stock, par value $0.01 per share. As of March 31, 2023, 64,373,485 shares of common stock and no shares of excess stock were issued and outstanding.

Share Repurchase Program

In August 2016, our Board of Directors approved a $1.0 billion share repurchase program under which we can buy shares of our common stock. The Board of Directors has since authorized five separate $500.0 million increases to the size of the share repurchase program in the fourth quarter of 2017, second quarter of 2018, fourth quarter of 2018, fourth quarter of 2019, and fourth quarter of 2020 bringing the total program size to $3.5 billion.

As of March 31, 2023, share repurchases executed under the program, excluding the redemption of OP units, were as follows:

Period	Shares repurchased(1)	Average price paid per share	Cumulative number of shares repurchased as part of the repurchase plan or programs
Year ended 2017	7,865,206	$107.81	7,865,206
Year ended 2018	9,187,480	$102.06	17,052,686
Year ended 2019	4,333,260	$88.69	21,385,946
Year ended 2020	8,276,032	$64.30	29,661,978
Year ended 2021	4,474,649	$75.44	34,136,627
Year ended 2022	1,971,092	$76.69	36,107,719

(1) There have been no share repurchases during the three months ended March 31, 2023.

Perpetual Preferred Stock

We have 9,200,000 shares of our 6.50% Series I Cumulative Redeemable Preferred Stock, or the Series I Preferred Stock, outstanding with a mandatory liquidation preference of $25.00 per share. The Series I Preferred stockholders receive annual dividends of $1.625 per share paid on a quarterly basis and dividends are cumulative, subject to certain provisions. We are entitled to redeem the Series I Preferred Stock at any time, in whole or from time to time in part, at par for cash. In August 2012, we received $221.9 million in net proceeds from the issuance of the Series I Preferred Stock, which were recorded net of underwriters' discount and issuance costs, and contributed the net proceeds to the Operating Partnership in exchange for 9,200,000 units of 6.50% Series I Cumulative Redeemable Preferred Units of limited partnership interest, or the Series I Preferred Units.

Dividend Reinvestment and Stock Purchase Plan ("DRSPP")

In February 2021, the Company filed a registration statement with the SEC for our dividend reinvestment and stock purchase plan, or DRSPP, which automatically became effective upon filing. The Company registered 3,500,000 shares of our common stock under the DRSPP. The DRSPP commenced on September 24, 2001.

The following table summarizes SL Green common stock issued, and proceeds received from dividend reinvestments and/or stock purchases under the DRSPP for the three months ended March 31, 2023 and 2022, respectively (dollars in thousands):

	Three Months Ended March 31,	
	2023	2022
Shares of common stock issued	**5,280**	1,132
Dividend reinvestments/stock purchases under the DRSPP	**$ 184**	$ 89

Earnings per Share

We use the two-class method of computing earnings per share (“EPS”), which is an earnings allocation formula that determines EPS for common stock and any participating securities according to dividends declared (whether paid or unpaid). Under the two-class method, basic EPS is computed by dividing the income available to common stockholders by the weighted-average number of common stock shares outstanding for the period. Diluted EPS reflects the potential dilution that could occur from share equivalent activity.

SL Green's earnings per share for the three months ended March 31, 2023 and 2022 are computed as follows (in thousands):

	Three Months Ended March 31,	
Numerator	**2023**	**2022**
Basic Earnings:		
(Loss) income attributable to SL Green common stockholders	**$ (39,731)**	$ 7,751
Less: distributed earnings allocated to participating securities	**(406)**	(335)
Net (loss) income attributable to SL Green common stockholders (numerator for basic earnings per share)	**$ (40,137)**	$ 7,416
Add back: dilutive effect of earnings allocated to participating securities and contingently issuable shares	**—**	(96)
Add back: effect of dilutive securities (redemption of units to common shares)	**(2,837)**	492
Net (loss) income attributable to SL Green common stockholders (numerator for diluted earnings per share)	**$ (42,974)**	$ 7,812

	Three Months Ended March 31,	
Denominator	**2023**	**2022**
Basic Shares:		
Weighted average common stock outstanding	**64,079**	64,349
Effect of Dilutive Securities:		
Operating Partnership units redeemable for common shares	**4,103**	4,121
Stock-based compensation plans	**—**	984
Contingently issuable shares	**—**	774
Diluted weighted average common stock outstanding	**68,182**	70,228

The Company has excluded 1,275,225 and 351,927 common stock equivalents from the calculation of diluted shares outstanding for the three months ended March 31, 2023 and 2022, respectively, as they were anti-dilutive.

13. Partners' Capital of the Operating Partnership

The Company is the sole managing general partner of the Operating Partnership and at March 31, 2023 owned 64,373,485 general and limited partnership interests in the Operating Partnership and 9,200,000 Series I Preferred Units. Partnership interests in the Operating Partnership are denominated as “common units of limited partnership interest” (also referred to as “OP Units”) or “preferred units of limited partnership interest” (also referred to as “Preferred Units”). All references to OP Units and Preferred Units outstanding exclude such units held by the Company. A holder of an OP Unit may present such OP Unit to the Operating Partnership for redemption at any time (subject to restrictions agreed upon at the issuance of OP Units to particular holders that may restrict such right for a period of time, generally one year from issuance). Upon presentation of an OP Unit for redemption, the Operating Partnership must redeem such OP Unit in exchange for the cash equal to the then value of a share of common stock of the Company, except that the Company may, at its election, in lieu of cash redemption, acquire such OP Unit for one share of common stock. Because the number of shares of common stock outstanding at all times equals the number of OP Units that the Company owns, one share of common stock is generally the economic equivalent of one OP Unit, and the quarterly distribution that may be paid to the holder of an OP Unit equals the quarterly dividend that may be paid to the holder of a share of common stock. Each series of Preferred Units makes a distribution that is set in accordance with an amendment to the partnership agreement of the Operating Partnership. Preferred Units may also be convertible into OP Units at the election of the holder thereof or the Company, subject to the terms of such Preferred Units.

Net income (loss) allocated to the preferred unitholders and common unitholders reflects their pro rata share of net income (loss) and distributions.

Limited Partner Units

As of March 31, 2023, limited partners other than SL Green owned 6.18%, or 4,239,335 common units, of the Operating Partnership.

Preferred Units

Preferred units not owned by SL Green are further described in Note 11, "Noncontrolling Interests on the Company's Consolidated Financial Statements - Preferred Units of Limited Partnership Interest in the Operating Partnership."

Earnings per Unit

The Operating Partnership's earnings per unit for the three months ended March 31, 2023 and 2022, respectively, are computed as follows (in thousands):

	Three Months Ended March 31,	
Numerator	**2023**	**2022**
Basic Earnings:		
Net (loss) income attributable to SLGOP common unitholders (numerator for diluted earnings per unit)	**$ (42,068)**	$ 8,243
Less: distributed earnings allocated to participating securities	**(906)**	(335)
Net (loss) income attributable to SLGOP common unitholders (numerator for basic earnings per unit)	**$ (42,974)**	$ 7,908
Add back: dilutive effect of earnings allocated to participating securities and contingently issuable shares	—	(96)
Net (loss) income attributable to SLGOP common unitholders (numerator for diluted earnings per unit)	**$ (42,974)**	$ 7,812

	Three Months Ended March 31,	
Denominator	**2023**	**2022**
Basic units:		
Weighted average common units outstanding	**68,182**	68,470
Effect of Dilutive Securities:		
Stock-based compensation plans	—	984
Contingently issuable units	—	774
Diluted weighted average common units outstanding	**68,182**	70,228

The Operating Partnership has excluded 1,275,225 and 351,927 common unit equivalents from the diluted units outstanding for the three months ended March 31, 2023 and 2022, respectively, as they were anti-dilutive.

14. Share-based Compensation

We have share-based employee and director compensation plans. Our employees are compensated through the Operating Partnership. Under each plan, whenever the Company issues common or preferred stock, the Operating Partnership issues an equivalent number of units of limited partnership interest of a corresponding class to the Company.

The Fifth Amended and Restated 2005 Stock Option and Incentive Plan, or the 2005 Plan, was approved by the Company's Board of Directors in April 2022 and its stockholders in June 2022 at the Company's annual meeting of stockholders. The 2005 Plan authorizes the issuance of stock options, stock appreciation rights, unrestricted and restricted stock, phantom shares, dividend equivalent rights, cash-based awards and other equity-based awards. Subject to adjustments upon certain corporate transactions or events, awards with respect to up to a maximum of 32,210,000 fungible units may be granted under the 2005 Plan. Currently, different types of awards count against the limit on the number of fungible units differently, with (1) full-value awards (i.e., those that deliver the full value of the award upon vesting, such as restricted stock) counting as 2.59 Fungible Units per share subject to such awards, (2) stock options, stock appreciation rights and other awards that do not deliver full value and expire five years from the date of grant counting as 0.84 fungible units per share subject to such awards, and (3) all other awards (e.g., 10-year stock options) counting as 1.0 fungible units per share subject to such awards. Awards granted under the 2005 Plan prior to the approval of the fifth amendment and restatement in June 2022 continue to count against the fungible unit limit based on the ratios that were in effect at the time such awards were granted, which may be different than the current ratios. As a result, depending on the types of awards issued, the 2005 Plan may result in the issuance of more or less than 32,210,000 shares. If a stock option or other award granted under the 2005 Plan expires or terminates, the common stock subject to any portion of the award that expires or terminates without having been exercised or paid, as the case may be, will again become available for the issuance of additional awards. Shares of our common stock distributed under the 2005 Plan may be treasury shares or authorized but unissued shares. Currently, unless the 2005 Plan has been previously terminated by the Company's Board of Directors, new awards may be granted under the 2005 Plan until June 1, 2032, which is the tenth anniversary of the date that the 2005 Plan was most recently approved by the Company's stockholders. As of March 31, 2023, 6.1 million fungible units were available for issuance under the 2005 Plan after reserving for shares underlying outstanding restricted stock units, phantom stock units granted pursuant to our Non-Employee Directors' Deferral Program and LTIP Units.

Stock Options and Class O LTIP Units

Options are granted with an exercise price at the fair market value of the Company's common stock on the date of grant and, subject to employment, generally expire five years or ten years from the date of grant, are not transferable other than on death, and generally vest in one year to five years commencing one year from the date of grant. We have also granted Class O LTIP Units, which are a class of LTIP Units in the Operating Partnership structured to provide economics similar to those of stock options. Class O LTIP Units, once vested, may be converted, at the election of the holder, into a number of common units of the Operating Partnership per Class O LTIP Unit determined by the increase in value of a share of the Company’s common stock at the time of conversion over a participation threshold, which equals the fair market value of a share of the Company’s common stock at the time of grant. Class O LTIP Units are entitled to distributions, subject to vesting, equal per unit to 10% of the per unit distributions paid with respect to the common units of the Operating Partnership.

The fair value of each stock option or LTIP Unit granted is estimated on the date of grant using the Black-Scholes option pricing model based on historical information. There were no options granted during the three months ended March 31, 2023 or the year ended December 31, 2022.

A summary of the status of the Company's stock options as of March 31, 2023 and December 31, 2022, and changes during the three months ended March 31, 2023 and year ended December 31, 2022 are as follows:

	March 31, 2023		December 31, 2022	
	Options Outstanding	Weighted Average Exercise Price	Options Outstanding	Weighted Average Exercise Price
Balance at beginning of period	**313,480**	**$ 97.59**	394,089	$ 100.56
Exercised	—	—	—	—
Lapsed or canceled	**(103,000)**	**77.32**	(80,609)	112.14
Balance at end of period	**210,480**	**$ 98.60**	313,480	$ 97.59
Options exercisable at end of period	**210,480**	**$ 98.60**	313,480	$ 97.59

The remaining weighted average contractual life of the options outstanding was 2.4 years and the remaining average contractual life of the options exercisable was 2.4 years.

During the three months ended March 31, 2023, we recognized no compensation expense related to options. During the three months ended March 31, 2022, we recognized no compensation expense related to options. As of March 31, 2023, there was no unrecognized compensation cost related to unvested stock options.

Restricted Shares

Shares are granted to certain employees, including our executives, and vesting occurs upon the completion of a service period or our meeting established financial performance criteria. Vesting occurs at rates ranging from 15% to 35% once performance criteria are reached.

A summary of the Company's restricted stock as of March 31, 2023 and December 31, 2022 and changes during the three months ended March 31, 2023 and the year ended December 31, 2022, are as follows:

	March 31, 2023	December 31, 2022
Balance at beginning of period	**3,758,174**	3,459,363
Granted	**13,000**	314,995
Canceled	**(950)**	(16,184)
Balance at end of period	**3,770,224**	3,758,174
Vested during the period	**143,115**	118,255
Compensation expense recorded	**$ 2,064,453**	$ 10,133,905
Total fair value of restricted stock granted during the period	**$ 483,860**	$ 16,804,931

The fair value of restricted stock that vested during the three months ended March 31, 2023 and the year ended December 31, 2022 was $9.9 million and $9.7 million, respectively. As of March 31, 2023, there was $10.8 million of total unrecognized compensation cost related to restricted stock, which is expected to be recognized over a weighted average period of 1.8 years.

We granted LTIP Units, which include bonus, time-based and performance-based awards, with a fair value of $39.7 million and $45.0 million as of March 31, 2023 and December 31, 2022, respectively. The grant date fair value of the LTIP Unit awards was calculated in accordance with ASC 718. A third-party consultant determined that the fair value of the LTIP Units has a discount to our common stock price. The discount was calculated by considering the inherent uncertainty that the LTIP Units will reach parity with other common partnership units and the illiquidity due to transfer restrictions. As of March 31, 2023, there was $71.7 million of total unrecognized compensation expense related to the time-based and performance based awards, which is expected to be recognized over a weighted average period of 1.8 years.

During the three months ended March 31, 2023, we recorded compensation expense related to bonus, time-based and performance based awards of $10.0 million. During the three months ended March 31, 2022, we recorded compensation expense related to bonus, time-based and performance based awards of $10.2 million.

For the three months ended March 31, 2023, $0.4 million was capitalized to assets associated with compensation expense related to our long-term compensation plans, restricted stock and stock options. For the three months ended March 31, 2022, $0.3 million was capitalized to assets associated with compensation expense related to our long-term compensation plans, restricted stock and stock options.

Deferred Compensation Plan for Directors

Under our Non-Employee Director's Deferral Program, which commenced July 2004, the Company's non-employee directors may elect to defer up to 100% of their annual retainer fee, chairman fees, meeting fees and annual stock grant. Unless otherwise elected by a participant, fees deferred under the program shall be credited in the form of phantom stock units. The program provides that a director's phantom stock units generally will be settled in an equal number of shares of common stock upon the earlier of (i) the January 1 coincident with or the next following such director's termination of service from the Board of Directors or (ii) a change in control by us, as defined by the program. Phantom stock units are credited to each non-employee director quarterly using the closing price of our common stock on the first business day of the respective quarter. Each participating non-employee director is also credited with dividend equivalents or phantom stock units based on the dividend rate for each quarter, which are either paid in cash currently or credited to the director's account as additional phantom stock units.

During the three months ended March 31, 2023, 30,771 phantom stock units and 27,739 shares of common stock were issued to our Board of Directors. We recorded compensation expense of $2.1 million and $1.8 million during the three months ended March 31, 2023 and 2022, respectively, related to the Deferred Compensation Plan.

As of March 31, 2023, there were 221,764 phantom stock units outstanding pursuant to our Non-Employee Director's Deferral Program.

Employee Stock Purchase Plan

In 2007, the Company's Board of Directors adopted the 2008 Employee Stock Purchase Plan, or ESPP, to provide equity-based incentives to eligible employees. The ESPP is intended to qualify as an "employee stock purchase plan" under Section 423 of the Code, and has been adopted by the board to enable our eligible employees to purchase the Company's shares of common stock through payroll deductions. The ESPP became effective on January 1, 2008 with a maximum of 500,000 shares of the common stock available for issuance, subject to adjustment upon a merger, reorganization, stock split or other similar corporate change. The Company filed a registration statement on Form S-8 with the SEC with respect to the ESPP. The common stock is offered for purchase through a series of successive offering periods. Each offering period will be three months in duration and will begin on the first day of each calendar quarter, with the first offering period having commenced on January 1, 2008. The ESPP provides for eligible employees to purchase the common stock at a purchase price equal to 85% of the lesser of (1) the market value of the common stock on the first day of the offering period or (2) the market value of the common stock on the last day of the offering period. The ESPP was approved by our stockholders at our 2008 annual meeting of stockholders. As of March 31, 2023, 200,454 shares of our common stock had been issued under the ESPP.

15. Accumulated Other Comprehensive Income

The following tables set forth the changes in accumulated other comprehensive income by component as of March 31, 2023 (in thousands):

	Net unrealized gain (loss) on derivative instruments (1)	SL Green's share of joint venture net unrealized gain (loss) on derivative instruments (2)	Net unrealized gain (loss) on marketable securities	Total
Balance at December 31, 2022	$ 47,800	$ 2,046	$ (242)	$ 49,604
Other comprehensive loss before reclassifications	(16,884)	(1,406)	(910)	(19,200)
Amounts reclassified from accumulated other comprehensive income	(8,504)	(2,472)	—	(10,976)
Balance at March 31, 2023	$ 22,412	$ (1,832)	$ (1,152)	$ 19,428

(1) Amount reclassified from accumulated other comprehensive income is included in interest expense in the respective consolidated statements of operations. As of March 31, 2023 and December 31, 2022, the deferred net gains from these terminated hedges, which is included in accumulated other comprehensive income relating to net unrealized gain (loss) on derivative instruments, was ($0.4 million)and ($0.5 million), respectively.

(2) Amount reclassified from accumulated other comprehensive income is included in equity in net loss from unconsolidated joint ventures in the respective consolidated statements of operations.

16. Fair Value Measurements

We are required to disclose fair value information with regard to certain of our financial instruments, whether or not recognized in the consolidated balance sheets, for which it is practical to estimate fair value. The FASB guidance defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants on the measurement date. We measure and/or disclose the estimated fair value of certain financial assets and liabilities based on a hierarchy that distinguishes between market participant assumptions based on market data obtained from sources independent of the reporting entity and the reporting entity's own assumptions about market participant assumptions. This hierarchy consists of three broad levels: Level 1 - quoted prices (unadjusted) in active markets for identical assets or liabilities that the reporting entity can access at the measurement date; Level 2 - inputs other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and Level 3 - unobservable inputs for the asset or liability that are used when little or no market data is available. We follow this hierarchy for our assets and liabilities measured at fair value on a recurring and nonrecurring basis. In instances in which the determination of the fair value measurement is based on inputs from different levels of the fair value hierarchy, the level in the fair value hierarchy within which the entire fair value measurement falls is based on the lowest level of input that is significant to the fair value measurement in its entirety. Our assessment of the significance of the particular input to the fair value measurement in its entirety requires judgment and considers factors specific to the asset or liability.

The following tables set forth the assets and liabilities that we measure at fair value on a recurring and non-recurring basis by their levels in the fair value hierarchy as of March 31, 2023 and December 31, 2022 (in thousands):

	March 31, 2023			
	Total	Level 1	Level 2	Level 3
Assets:				
Marketable securities available-for-sale	$ 10,273	$ —	$ 10,273	$ —
Interest rate cap and swap agreements (included in Other assets)	37,082	—	37,082	—
Liabilities:				
Interest rate cap and swap agreements (included in Other liabilities)	$ 15,759	$ —	$ 15,759	$ —

	December 31, 2022			
	Total	Level 1	Level 2	Level 3
Assets:				
Marketable securities available-for-sale	$ 11,240	$ —	$ 11,240	$ —
Interest rate cap and swap agreements (included in Other assets)	57,660	$ —	$ 57,660	$ —
Liabilities:				
Interest rate cap and swap agreements (included in Other liabilities)	$ 10,142	$ —	$ 10,142	$ —

We evaluate real estate investments and debt and preferred equity investments, including intangibles, for potential impairment primarily utilizing cash flow projections that apply, among other things, estimated revenue and expense growth rates, discount rates and capitalization rates, as well as sales comparison approach, which utilizes comparable sales, listings and sales contracts. All of which are classified as Level 3 inputs.

Marketable securities classified as Level 1 are derived from quoted prices in active markets. The valuation technique used to measure the fair value of marketable securities classified as Level 2 were valued based on quoted market prices or model driven valuations using the significant inputs derived from or corroborated by observable market data. We do not intend to sell these securities and it is not more likely than not that we will be required to sell the investments before recovery of their amortized cost bases.

The fair value of derivative instruments is based on current market data received from financial sources that trade such instruments and are based on prevailing market data and derived from third party proprietary models based on well-recognized financial principles and reasonable estimates about relevant future market conditions, which are classified as Level 2 inputs.

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Notes to Consolidated Financial Statements (cont.)
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(unaudited)

The financial assets and liabilities that are not measured at fair value on our consolidated balance sheets include cash and cash equivalents, restricted cash, accounts receivable, accounts payable and accrued expenses, debt and preferred equity investments, mortgages and other loans payable and other secured and unsecured debt. The carrying amount of cash and cash equivalents, restricted cash, accounts receivable, and accounts payable and accrued expenses reported in our consolidated balance sheets approximates fair value due to the short-term nature of these instruments. The fair value of debt and preferred equity investments, which is classified as Level 3, is estimated by discounting the future cash flows using current interest rates at which similar loans with the same maturities would be made to borrowers with similar credit ratings. The fair value of borrowings, which is classified as Level 3, is estimated by discounting the contractual cash flows of each debt instrument to their present value using adjusted market interest rates, which is provided by a third-party specialist.

The following table provides the carrying value and fair value of these financial instruments as of March 31, 2023 and December 31, 2022 (in thousands):

	March 31, 2023		December 31, 2022	
	Carrying Value [1]	Fair Value	Carrying Value [1]	Fair Value
Debt and preferred equity investments	**$ 626,803**	[2]	$ 623,280	[2]
Fixed rate debt	**$ 5,014,341**	**$ 4,829,566**	$ 5,015,814	$ 4,784,691
Variable rate debt	**585,148**	**584,799**	520,148	519,669
	$ 5,599,489	**$ 5,414,365**	$ 5,535,962	$ 5,304,360

(1) Amounts exclude net deferred financing costs.
(2) As of March 31, 2023, debt and preferred equity investments had an estimated fair value ranging between $0.5 billion and $0.6 billion. As of December 31, 2022, debt and preferred equity investments had an estimated fair value ranging between $0.6 billion and $0.6 billion.

Disclosures regarding fair value of financial instruments was based on pertinent information available to us as of March 31, 2023 and December 31, 2022. Such amounts have not been comprehensively revalued for purposes of these financial statements since that date and current estimates of fair value may differ significantly from the amounts presented herein.

17. Financial Instruments: Derivatives and Hedging

In the normal course of business, we use a variety of commonly used derivative instruments, such as interest rate swaps, caps, collars and floors, to manage, or hedge interest rate risk. We hedge our exposure to variability in future cash flows for forecasted transactions in addition to anticipated future interest payments on existing debt. We recognize all derivatives on the balance sheet at fair value. Derivatives that are not hedges are adjusted to fair value through earnings. If a derivative is a hedge, depending on the nature of the hedge, changes in the fair value of the derivative will either be offset against the change in fair value of the hedge asset, liability, or firm commitment through earnings, or recognized in other comprehensive income (loss) until the hedged item is recognized in earnings. Reported net income and equity may increase or decrease prospectively, depending on future levels of interest rates and other variables affecting the fair values of derivative instruments and hedged items, but will have no effect on cash flows. Currently, all of our designated derivative instruments are effective hedging instruments.

The following table summarizes the notional value at inception and fair value of our consolidated derivative financial instruments as of March 31, 2023 based on Level 2 information. The notional value is an indication of the extent of our involvement in these instruments at that time, but does not represent exposure to credit, interest rate or market risks (dollars in thousands).

	Notional Value	Strike Rate	Effective Date	Expiration Date	Balance Sheet Location	Fair Value
Interest Rate Cap	$ 370,000	3.250 %	December 2022	June 2023	Other Assets	$ 1,256
Interest Rate Cap	370,000	3.250 %	December 2022	June 2023	Other Liabilities	(1,254)
Interest Rate Swap	100,000	1.063 %	November 2021	July 2023	Other Assets	1,270
Interest Rate Swap	200,000	1.033 %	November 2021	July 2023	Other Assets	2,559
Interest Rate Cap	600,000	4.080 %	September 2022	September 2023	Other Liabilities	(2,439)
Interest Rate Cap	50,000	3.500 %	October 2022	September 2023	Other Assets	354
Interest Rate Swap	200,000	4.739 %	November 2022	November 2023	Other Assets	45
Interest Rate Cap	196,717	3.500 %	November 2022	November 2023	Other Assets	1,660
Interest Rate Cap	196,717	3.500 %	November 2022	November 2023	Other Liabilities	(1,655)
Interest Rate Swap	150,000	2.600 %	December 2021	January 2024	Other Assets	2,392
Interest Rate Swap	200,000	4.490 %	November 2022	January 2024	Other Assets	354
Interest Rate Swap	200,000	4.411 %	November 2022	January 2024	Other Assets	473
Interest Rate Swap	150,000	2.621 %	December 2021	January 2026	Other Assets	4,232
Interest Rate Swap	200,000	2.662 %	December 2021	January 2026	Other Assets	5,471
Interest Rate Swap	100,000	2.903 %	February 2023	February 2027	Other Assets	2,007
Interest Rate Swap	100,000	2.733 %	February 2023	February 2027	Other Assets	2,613
Interest Rate Swap	50,000	2.463 %	February 2023	February 2027	Other Assets	1,788
Interest Rate Swap	200,000	2.591 %	February 2023	February 2027	Other Assets	6,241
Interest Rate Swap	300,000	2.866 %	July 2023	May 2027	Other Assets	4,367
Interest Rate Swap	150,000	3.524 %	January 2024	May 2027	Other Liabilities	(1,921)
Interest Rate Swap	370,000	3.888 %	November 2022	June 2027	Other Liabilities	(6,772)
Interest Rate Swap	100,000	3.756 %	January 2023	January 2028	Other Liabilities	(1,718)
						$ 21,323

During the three months ended March 31, 2023, we recorded a gain of $0.2 million based on the changes in the fair value of an interest rate cap we sold, which is included in Purchase price and other fair value adjustments in the consolidated statements of operations. No interest rate caps were sold during the three months ended March 31, 2022. During the three months ended March 31, 2023, we recorded a loss of $0.1 million on the changes in fair value, which is included in interest expense in the consolidated statements of operations. No gains or losses on the changes in fair value were included in interest expense in the consolidated statements of operations during the three months ended March 31, 2022.

Certain agreements the Company has with each of its derivative counterparties contain a provision where if the Company defaults on any of its indebtedness, then the Company could also be declared in default on its derivative obligations. As of March 31, 2023, the fair value of derivatives in a net liability position, including accrued interest but excluding any adjustment for nonperformance risk related to these agreements, was $16.4 million. As of March 31, 2023, the Company was not required to post any collateral related to these agreements and was not in breach of any agreement provisions. If the Company had breached any of these provisions, it could have been required to settle its obligations under the agreements at their aggregate termination value of $17.1 million as of March 31, 2023.

Gains and losses on terminated hedges are included in accumulated other comprehensive income, and are recognized into earnings over the term of the related mortgage obligation. Over time, the realized and unrealized gains and losses held in accumulated other comprehensive income will be reclassified into earnings as an adjustment to interest expense in the same periods in which the hedged interest payments affect earnings. We estimate that ($38.5 million) of the current balance held in accumulated other comprehensive income will be reclassified into interest expense and ($9.7 million) of the portion related to our share of joint venture accumulated other comprehensive income will be reclassified into equity in net loss from unconsolidated joint ventures within the next 12 months.

The following table presents the effect of our derivative financial instruments and our share of our joint ventures' derivative financial instruments that are designated and qualify as hedging instruments on the consolidated statements of operations for the three months ended March 31, 2023 and 2022, respectively (in thousands):

	Amount of (Loss) Gain Recognized in Other Comprehensive (Loss) Income			Amount of Gain (Loss) Reclassified from Accumulated Other Comprehensive Income into Income	
	Three Months Ended March 31,		Location of Gain (Loss) Reclassified from Accumulated Other Comprehensive Income into Income	Three Months Ended March 31,	
Derivative	**2023**	**2022**		**2023**	**2022**
Interest Rate Swaps/Caps	**$ (17,913)**	$ 28,378	Interest expense	**$ 9,023**	$ (3,866)
Share of unconsolidated joint ventures' derivative instruments	**(1,495)**	10,308	Equity in net loss from unconsolidated joint ventures	**2,628**	(1,015)
	$ (19,408)	$ 38,686		**$ 11,651**	$ (4,881)

The following table summarizes the notional value at inception and fair value of our joint ventures' derivative financial instruments as of March 31, 2023 based on Level 2 information. The notional value is an indication of the extent of our involvement in these instruments at that time, but does not represent exposure to credit, interest rate or market risks (dollars in thousands).

	Notional Value	Strike Rate	Effective Date	Expiration Date	Classification	Fair Value
Interest Rate Cap	$ 510,000	3.000 %	December 2021	June 2023	Asset	$ 2,134
Interest Rate Cap	272,000	4.000 %	July 2022	August 2023	Asset	913
Interest Rate Cap	400,000	3.500 %	September 2022	September 2023	Asset	2,740
Interest Rate Cap	1,075,000	4.080 %	September 2022	September 2023	Asset	4,378
Interest Rate Cap	125,000	4.080 %	September 2022	September 2023	Asset	509
Interest Rate Cap	220,000	4.000 %	February 2023	February 2024	Asset	1,685
Interest Rate Cap	334,939	0.490 %	February 2022	May 2024	Asset	18,845
Interest Rate Cap	334,939	0.490 %	February 2022	May 2024	Asset	18,840
Interest Rate Swap	177,000	1.555 %	December 2022	February 2026	Asset	10,220
						$ 60,264

18. Lease Income

The Operating Partnership is the lessor and the sublessor to tenants under operating and sales-type leases. The minimum rental amounts due under the leases are generally subject to scheduled fixed increases or adjustments. The leases generally also require that the tenants reimburse us for increases in certain operating costs and real estate taxes above their base year costs.

The components of lease income from operating leases during the three months ended March 31, 2023 and 2022 were as follows (in thousands):

	Three Months Ended March 31,	
	2023	2022
Fixed lease payments	$ **166,353**	$ 136,581
Variable lease payments	**20,450**	19,555
Total lease payments [(1)]	$ **186,803**	$ 156,136
Amortization of acquired above and below-market leases	**8,239**	(105)
Total rental revenue	$ **195,042**	$ 156,031

(1) Amounts include $48.9 million and $56.2 million of sublease income during the three months ended March 31, 2023 and 2022, respectively.

The components of lease income from sales-type leases during the three months ended March 31, 2023 and 2022 were as follows (in thousands):

	Three Months Ended March 31,	
	2023	2022
Interest income [(1)]	$ **1,106**	$ 1,092

(1) These amounts are included in Other income in our consolidated statements of operations.

19. Commitments and Contingencies

Legal Proceedings

As of March 31, 2023, the Company and the Operating Partnership were not involved in any material litigation nor, to management's knowledge, was any material litigation threatened against us or our portfolio which if adversely determined could have a material adverse impact on us.

Environmental Matters

Our management believes that the properties are in compliance in all material respects with applicable Federal, state and local ordinances and regulations regarding environmental issues. Management is not aware of any environmental liability that it believes would have a materially adverse impact on our financial position, results of operations or cash flows. Management is unaware of any instances in which it would incur significant environmental cost if any of our properties were sold.

20. Segment Information

The Company has two reportable segments, real estate and debt and preferred equity investments. We evaluate real estate performance and allocate resources based on earnings contributions.

The primary sources of revenue are generated from tenant rents, escalations and reimbursement revenue. Real estate property operating expenses consist primarily of security, maintenance, utility costs, insurance, real estate taxes and, at certain properties, ground rent expense. See Note 5, "Debt and Preferred Equity Investments," for additional details on our debt and preferred equity investments.

Selected consolidated results of operations for the three months ended March 31, 2023 and 2022, and selected asset information as of March 31, 2023 and December 31, 2022, regarding our operating segments are as follows (in thousands):

	Real Estate Segment	Debt and Preferred Equity Segment	Total Company
Total revenues			
Three months ended:			
March 31, 2023	$ 214,518	$ 9,057	$ 223,575
March 31, 2022	$ 168,076	$ 19,888	$ 187,964
Net (loss) income			
Three months ended:			
March 31, 2023	$ (45,301)	$ 6,944	$ (38,357)
March 31, 2022	(3,482)	16,967	13,485
Total assets			
As of:			
March 31, 2023	$ 11,710,030	$ 632,089	$ 12,342,119
December 31, 2022	$ 11,727,418	$ 628,376	$ 12,355,794

We also allocate loan loss reserves, net of recoveries, and transaction related costs to the debt and preferred equity segment. We do not allocate marketing, general and administrative expenses to the debt and preferred equity segment because that segment does not have dedicated personnel and the use of personnel and resources is dependent on transaction volume between the two segments and varies between periods. In addition, we base performance on the individual segments prior to allocating marketing, general and administrative expenses. For the three months ended March 31, 2023, marketing, general and administrative expenses totaled $23.3 million. For the three months ended March 31, 2022, marketing, general and administrative expenses totaled $24.8 million. All other expenses, except interest, relate entirely to the real estate assets.

There were no transactions between the above two segments.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Overview

SL Green Realty Corp., which is referred to as SL Green or the Company, a Maryland corporation, and SL Green Operating Partnership, L.P., which is referred to as SLGOP or the Operating Partnership, a Delaware limited partnership, were formed in June 1997 for the purpose of combining the commercial real estate business of S.L. Green Properties, Inc. and its affiliated partnerships and entities. The Company is a self-managed real estate investment trust, or REIT, engaged in the acquisition, development, redevelopment, repositioning, ownership, management and operation of commercial real estate properties, principally office properties, located in the New York metropolitan area, principally Manhattan. Unless the context requires otherwise, all references to "we," "our" and "us" means the Company and all entities owned or controlled by the Company, including the Operating Partnership.

The following discussion related to our consolidated financial statements should be read in conjunction with the financial statements appearing in this Quarterly Report on this Form 10-Q and in Item 8 of our Annual Report on Form 10-K for the year ended December 31, 2022.

As of March 31, 2023, we owned the following interests in properties in the New York metropolitan area, primarily in midtown Manhattan. Our investments located outside of Manhattan are referred to as the Suburban properties:

		Consolidated		Unconsolidated		Total		
Location	**Property Type**	**Number of Buildings**	**Approximate Square Feet (unaudited)**	**Number of Buildings**	**Approximate Square Feet (unaudited)**	**Number of Buildings**	**Approximate Square Feet (unaudited)**	**Weighted Average Leased Occupancy (1) (unaudited)**
Commercial:								
Manhattan	Office	14	10,181,934	11	13,629,381	25	23,811,315	89.6 %
	Retail	2 (2)	17,888	8	294,865	10	312,753	91.0 %
	Development/Redevelopment (1)	4	1,466,419	4	3,115,241	8	4,581,660	N/A
		20	11,666,241	23	17,039,487	43	28,705,728	N/A
Suburban	Office	7	862,800	—	—	7	862,800	78.8 %
Total commercial properties		27	12,529,041	23	17,039,487	50	29,568,528	N/A
Residential:								
Manhattan	Residential	1 (2)	140,382	—	—	1	140,382	98.6 %
Total portfolio		28	12,669,423	23	17,039,487	51	29,708,910	N/A

(1) The weighted average leased occupancy for commercial properties represents the total leased square footage divided by the total square footage at acquisition. The weighted average leased occupancy for residential properties represents the total leased units divided by the total available units. Properties under construction are not included in the calculation of weighted average leased occupancy.

(2) As of March 31, 2023, we owned a building at 7 Dey Street / 185 Broadway that was comprised of approximately 140,382 square feet (unaudited) of residential space and approximately 50,206 square feet (unaudited) of office and retail space that is under development. For the purpose of this report, we have included this building in the number of residential properties we own. However, we have included only the residential square footage in the residential approximate square footage, and have listed the balance of the square footage as development square footage.

As of March 31, 2023, we also managed one office building owned by a third party encompassing approximately 0.3 million square feet (unaudited), and held debt and preferred equity investments with a book value excluding the impact of credit losses of $626.8 million, excluding approximately $8.5 million of debt and preferred equity investments and other financing receivables that are included in other balance sheet line items other than the Debt and preferred equity investments line item.

Critical Accounting Policies and Estimates

Refer to the 2022 Annual Report on Form 10-K of the Company and the Operating Partnership for a discussion of our critical accounting policies and estimates, which include investment in commercial real estate properties, investment in unconsolidated joint ventures, lease classification, revenue recognition, and debt and preferred equity investments. During the three months ended March 31, 2023, there were no material changes to these policies.

Results of Operations

Comparison of the three months ended March 31, 2023 to the three months ended March 31, 2022

The following comparison for the three months ended March 31, 2023, or 2023, to the three months ended March 31, 2022, or 2022, makes reference to the effect of the following:

i. “Same-Store Properties,” which represents all operating properties owned by us at January 1, 2022 and still owned by us in the same manner as of March 31, 2023 (Same-Store Properties totaled 20 of our 28 consolidated operating buildings),
ii. “Acquisition Properties,” which represents all properties or interests in properties acquired in 2023 and 2022 and all non-Same-Store Properties, including properties that are under development or redevelopment,
iii. "Disposed Properties," which represents all properties or interests in properties sold in 2023 and 2022, and
iv. “Other,” which represents properties where we sold an interest resulting in deconsolidation and corporate level items not allocable to specific properties, as well as the Service Corporation and eEmerge Inc.

	Same-Store				Disposed		Other		Consolidated			
(in millions)	**2023**	**2022**	**$ Change**	**% Change**	**2023**	**2022**	**2023**	**2022**	**2023**	**2022**	**$ Change**	**% Change**
Rental revenue	$ 139.5	$ 140.7	$ (1.2)	(0.9)%	$ —	$ 0.9	$ 55.5	$ 14.4	$ 195.0	$ 156.0	$ 39.0	25.0 %
Investment income	—	—	—	— %	—	—	9.1	19.9	9.1	19.9	(10.8)	(54.3)%
Other income	0.7	0.2	0.5	250.0 %	—	5.4	18.8	6.4	19.5	12.0	7.5	62.5 %
Total revenues	140.2	140.9	(0.7)	(0.5)%	—	6.3	83.4	40.7	223.6	187.9	35.7	19.0 %
Property operating expenses	69.6	64.8	4.8	7.4 %	0.2	1.5	29.9	13.5	99.7	79.8	19.9	24.9 %
Transaction related costs	—	—	—	— %	—	—	0.9	—	0.9	—	0.9	100.0 %
Marketing, general and administrative	—	—	—	— %	—	—	23.3	24.8	23.3	24.8	(1.5)	(6.0)%
	69.6	64.8	4.8	7.4 %	0.2	1.5	54.1	38.3	123.9	104.6	19.3	18.5 %
Other income (expenses):												
Interest expense and amortization of deferred financing costs, net of interest income									(43.7)	(17.0)	(26.7)	157.1 %
Depreciation and amortization									(78.5)	(47.0)	(31.5)	67.0 %
Equity in net loss from unconsolidated joint ventures									(7.4)	(4.7)	(2.7)	57.4 %
Equity in net loss on sale of interest in unconsolidated joint venture/real estate									(0.1)	—	(0.1)	100.0 %
Purchase price and other fair value adjustments									0.2	(0.1)	0.3	(300.0)%
Loss on sale of real estate, net									(1.7)	(1.0)	(0.7)	70.0 %
Loan loss and other investment reserves, net of recoveries									(6.9)	—	(6.9)	100.0 %
Net (loss) income									$ (38.4)	$ 13.5	$ (51.9)	(384.4)%

Rental Revenue

Rental revenues increased primarily due to the acquisition of 245 Park Avenue during the third quarter of 2022 ($40.8 million).

The following table presents a summary of the commenced leasing activity for the three months ended March 31, 2023 in our Manhattan portfolio:

	Usable SF	Rentable SF	New Cash Rent (per rentable SF) (1)	Prev. Escalated Rent (per rentable SF) (2)	TI/LC per rentable SF	Free Rent (in months)	Average Lease Term (in years)
Manhattan							
Space available at beginning of the period	2,264,333						
Property in redevelopment	(56,718)						
Property out of redevelopment	51,490						
Space which became available during the period (3)							
• Office	682,396						
• Retail	28,310						
• Storage	6,696						
	717,402						
Total space available	2,976,507						
Leased space commenced during the period:							
• Office(4)	166,545	180,198	$ 78.14	$ 79.21	$ 66.69	5.8	6.9
• Storage	1,778	3,829	$ 30.45	$ 17.59	$ —	7.1	16.7
Total leased space commenced	168,323	184,027	$ 77.15	$ 77.06	$ 65.30	5.8	7.1
Total available space at end of period	2,808,184						
Early renewals							
• Office	248,212	283,915	$ 61.49	$ 56.96	$ 34.27	4.1	5.8
• Retail	8,093	9,125	$ 136.99	$ 129.40	$ —	—	7.0
• Storage	3,832	4,160	$ 31.21	$ 33.32	$ —	4.8	7.4
Total early renewals	260,137	297,200	$ 63.38	$ 58.86	$ 32.74	4.0	5.9
Total commenced leases, including replaced previous vacancy							
• Office		464,113	$ 67.96	$ 62.76	$ 46.86	4.8	6.2
• Retail		9,125	$ 136.99	$ 129.40	$ —	—	7
• Storage		7,989	$ 30.85	$ 26.01	$ —	5.9	11.9
Total commenced leases		481,227	$ 68.65	$ 63.57	$ 45.19	4.7	6.3

(1) Annual initial base rent.
(2) Escalated rent includes base rent plus all additional amounts paid by the tenant in the form of real estate taxes, operating expenses, porters wage or a consumer price index (CPI) adjustment.
(3) Includes expiring space, relocating tenants and move-outs where tenants vacated. Excludes lease expirations where tenants held over.
(4) Average starting office rent excluding new tenants replacing vacancies was $80.49 per rentable square feet for 100,126 rentable square feet. Average starting office rent for office space (leased and early renewals, excluding new tenants replacing vacancies) was $66.44 per rentable square feet for 384,041 rentable square feet.

Investment Income

Investment income decreased due to a lower weighted average debt and preferred equity investment balance for the three months ended March 31, 2023 as compared to the same period in 2022. For the three months ended March 31, 2023, the weighted average debt and preferred equity investment balance outstanding and weighted average yield were $635.7 million and 5.8%, respectively, as compared to $1.1 billion and 7.3%, respectively, for the three months ended March 31, 2022.

Other Income

Other income increased due to Summit One Vanderbilt operations ($5.8 million), an increase in consulting fee income ($1.5 million) and higher lease termination income for the three months ended March 31, 2023 ($6.4 million) as compared to the same period in 2022 ($5.4 million).

Property Operating Expenses

Property operating expenses increased primarily due to acquiring 245 Park Avenue in the third quarter of 2022 ($14.5 million) and increased variable expenses and real estate taxes at our Same-Store Properties ($3.5 million and $1.2 million, respectively), partially offset by reduced variable expenses and real estate taxes at our Disposed Properties ($0.9 million and $0.3 million, respectively).

Marketing, General and Administrative Expenses

Marketing, general and administrative expenses decreased to $23.3 million for three months ended March 31, 2023, as compared to $24.8 million for the same period in 2022 due to lower compensation related expenses.

Interest Expense and Amortization of Deferred Financing Costs, Net of Interest Income

Interest expense and amortization of deferred financing costs, net of interest income, increased due to an increase in LIBOR and SOFR, acquiring 245 Park Avenue in the third quarter of 2022 ($16.5 million), higher interest expense from term loans ($9.0 million) and the revolving credit facility ($5.9 million) due to an increase in balances outstanding during three months ended March 31, 2023 compared to the three months ended March 31, 2022, and the refinancing of 100 Church ($3.2 million) in the second quarter of 2022. These increases were offset primarily by repayments of unsecured bonds ($7.2 million) in the third and fourth quarters of 2022. The weighted average consolidated debt balance outstanding was $5.6 billion for the three months ended March 31, 2023, compared to $4.2 billion for the three months ended March 31, 2022. The consolidated weighted average interest rate was 4.41% for the three months ended March 31, 2023, as compared to 3.01% for the three months ended March 31, 2022.

Depreciation and Amortization

Depreciation and amortization increased primarily due to acquiring 245 Park Avenue in the third quarter of 2022 ($28.2 million).

Equity in net loss from unconsolidated joint ventures

Equity in net loss from unconsolidated joint ventures increased primarily as a result of increased interest expense across our joint venture portfolio ($15.2 million) and a decrease in income from operations at 1515 Broadway ($2.7 million) and 450 Park Avenue ($1.9 million). This was partially offset by an increase at 2 Herald Square ($17.2 million) primarily due to holdover rent, interest and reimbursement of attorneys' fees collected following the completion of legal proceedings against a former tenant and its guarantor.

Equity in net loss on sale of interest in unconsolidated joint venture/real estate

During the three months ended March 31, 2023, we recognized a loss on the sale of our interest in 121 Greene Street ($0.3 million). During the three months ended March 31, 2022, we did not sell any joint venture interests.

Purchase price and other fair value adjustments

During the three months ended March 31, 2023 and 2022, we did not record any significant purchase price and other fair value adjustments.

Loss on sale of real estate, net

During the three months ended March 31, 2023, we did not dispose of any properties. During the three months ended March 31, 2022, we recognized a loss on sale related to our interest in 707 Eleventh Avenue ($0.8 million).

Loan loss and other investment reserves, net of recoveries

During the three months ended March 31, 2023, we recorded $6.9 million of loan loss reserve on one debt and preferred equity investment. During the three months ended March 31, 2022, we did not recognize any loan loss and other investment reserves.

Liquidity and Capital Resources

We currently expect that the principal sources of funds to meet our short-term and long-term liquidity requirements for working capital, acquisitions, development or redevelopment of properties, tenant improvements, leasing costs, share repurchases, dividends to shareholders, distributions to unitholders, repurchases or repayments of outstanding indebtedness and for debt and preferred equity investments will include:

(1) Cash flow from operations;
(2) Cash on hand;
(3) Net proceeds from divestitures of properties and redemptions, participations, dispositions and repayments of debt and preferred equity investments;
(4) Borrowings under the revolving credit facility;
(5) Other forms of secured or unsecured financing; and
(6) Proceeds from common or preferred equity or debt offerings by the Company or the Operating Partnership (including issuances of units of limited partnership interest in the Operating Partnership and Trust preferred securities).

Cash flow from operations is primarily dependent upon the collectability of rent, the occupancy level of our portfolio, the net effective rental rates achieved on our leases, the collectability of rent, operating escalations and recoveries from our tenants and the level of operating and other costs. Additionally, we believe that our debt and preferred equity investment program will continue to serve as a supplemental source of operating cash flow.

The combined aggregate principal maturities of mortgages and other loans payable, the 2021 credit facility, 2022 term loan, senior unsecured notes (net of discount), trust preferred securities, our share of joint venture debt, including as-of-right extension options and put options, estimated interest expense, and our obligations under our financing and operating leases, as of March 31, 2023 are as follows (in thousands):

	Remaining 2023	2024	2025	2026	2027	Thereafter	Total
Property mortgages and other loans	$ 264,502	$ 337,237	$ 370,000	$ —	$ 2,262,750	$ —	$ 3,234,489
Revolving credit facility	—	—	—	—	490,000	—	490,000
Unsecured term loans	—	625,000	—	—	1,000,000	50,000	1,675,000
Senior unsecured notes	—	—	100,000	—	—	—	100,000
Trust preferred securities	—	—	—	—	—	100,000	100,000
Financing leases	2,353	3,180	3,228	3,276	3,325	200,169	215,531
Operating leases	39,951	58,068	58,207	58,347	58,358	1,334,570	1,607,501
Estimated interest expense	189,204	215,423	181,523	154,671	53,961	34,879	829,661
Joint venture debt	1,146,281	927,320	1,585,610	107,137	299,417	2,130,404	6,196,169
Total	$ 1,642,291	$ 2,166,228	$ 2,298,568	$ 323,431	$ 4,167,811	$ 3,850,022	$ 14,448,351

We estimate that for the remainder of the year ending December 31, 2023, we expect to incur $63.7 million of recurring capital expenditures on existing consolidated properties and $94.5 million of development or redevelopment expenditures on existing consolidated properties, of which $1.3 million will be funded by construction financing facilities or loan reserves. We expect our share of capital expenditures at our joint venture properties will be $204.5 million, of which $122.6 million will be funded by construction financing facilities or loan reserves. We expect to fund capital expenditures from operating cash flow, existing liquidity, and borrowings from construction financing facilities.

As of March 31, 2023, we had liquidity of $0.9 billion, comprised of $760.0 million of availability under our revolving credit facility and $169.2 million of consolidated cash on hand, inclusive of $10.3 million of marketable securities. This liquidity excludes $151.3 million representing our share of cash at unconsolidated joint venture properties. We may seek to divest of properties, interests in properties or debt and preferred equity investments or access private and public debt and equity capital when the opportunity presents itself, although there is no guarantee that this capital will be made available to us at efficient levels or at all. Management believes that these sources of liquidity, if we are able to access them, along with potential refinancing opportunities for secured and unsecured debt, will allow us to satisfy our debt obligations, as described above, upon maturity, if not before.

We have investments in several real estate joint ventures with various partners who are generally considered to be financially stable. Most of our joint ventures are financed with non-recourse debt. We believe that property level cash flows along with unfunded committed indebtedness and proceeds from the refinancing of outstanding secured indebtedness will be sufficient to fund the capital needs of our joint venture properties.

Cash Flows

The following summary discussion of our cash flows is based on our consolidated statements of cash flows in "Item 1. Financial Statements" and is not meant to be an all-inclusive discussion of the changes in our cash flows for the periods presented below.

Cash, restricted cash, and cash equivalents were $357.3 million and $307.3 million as of March 31, 2023 and 2022, respectively, representing a increase of $49.9 million. The increase was a result of the following changes in cash flows (in thousands):

	Three Months Ended March 31,		
	2023	**2022**	**Change**
Net cash provided by operating activities	**$ 42,349**	$ 81,402	$ (39,053)
Net cash (used in) provided by investing activities	**(66,369)**	13,496	(79,865)
Net cash used in financing activities	**(2,772)**	(124,564)	121,792

Our principal sources of operating cash flow are the properties in our consolidated and joint venture portfolios and our debt and preferred equity portfolio. These sources generate a relatively consistent stream of cash flow that provides us with resources to pay operating expenses, debt service and fund dividend and distribution requirements.

Cash is used in investing activities to fund acquisitions, development or redevelopment projects and recurring and nonrecurring capital expenditures. We selectively invest in new projects that enable us to take advantage of our development, leasing, financing and property management skills and invest in existing buildings that meet our investment criteria. During the three months ended March 31, 2023, when compared to the three months ended March 31, 2022, we used cash primarily for the following investing activities (in thousands):

Capital expenditures and capitalized interest	$ (238)
Acquisition deposits and deferred purchase price	15,000
Joint venture investments	(11,586)
Distributions from joint ventures	25,723
Proceeds from sales of real estate/partial interest in property	(91,994)
Debt and preferred equity and other investments	(16,770)
Decrease in net cash provided by investing activities	$ (79,865)

Funds spent on capital expenditures, which are comprised of building and tenant improvements, increased from $61.7 million for the three months ended March 31, 2022 to $61.9 million for the three months ended March 31, 2023 due to increased spending on development and redevelopment properties.

We generally fund our investment activity through the sale of real estate, the sale of debt and preferred equity investments, property-level financing, our credit facilities, and construction loans. From time to time, the Company may issue common or preferred stock, or the Operating Partnership may issue common or preferred units of limited partnership interest.

During the three months ended March 31, 2023, when compared to the three months ended March 31, 2022, we used cash for the following financing activities (in thousands):

Proceeds from our debt obligations	$ (182,309)
Repayments of our debt obligations	186,242
Net distribution to noncontrolling interests	1,006
Other financing activities	(61,372)
Proceeds from stock options exercised and DRSPP issuance	95
Repurchase of common stock	151,197
Redemption of preferred stock	17,967
Dividends and distributions paid	8,966
Decrease in net cash used in financing activities	$ 121,792

Capitalization

Our authorized capital stock consists of 260,000,000 shares, $0.01 par value per share, consisting of 160,000,000 shares of common stock, $0.01 par value per share, 75,000,000 shares of excess stock, at $0.01 par value per share, and 25,000,000 shares of preferred stock, $0.01 par value per share. As of March 31, 2023, 64,373,485 shares of common stock and no shares of excess stock were issued and outstanding.

Share Repurchase Program

In August 2016, our Board of Directors approved a $1.0 billion share repurchase program under which we can buy shares of our common stock. The Board of Directors has since authorized five separate $500.0 million increases to the size of the share repurchase program in the fourth quarter of 2017, second quarter of 2018, fourth quarter of 2018, fourth quarter of 2019, and fourth quarter of 2020 bringing the total program size to $3.5 billion.

As of March 31, 2023, share repurchases executed under the program, excluding the redemption of OP units, were as follows:

Period	Shares repurchased[(1)]	Average price paid per share	Cumulative number of shares repurchased as part of the repurchase plan or programs
Year ended 2017	7,865,206	$107.81	7,865,206
Year ended 2018	9,187,480	$102.06	17,052,686
Year ended 2019	4,333,260	$88.69	21,385,946
Year ended 2020	8,276,032	$64.30	29,661,978
Year ended 2021	4,474,649	$75.44	34,136,627
Year ended 2022	1,971,092	$76.69	36,107,719

(1) There have been no share repurchases during the three months ended March 31, 2023.

Dividend Reinvestment and Stock Purchase Plan ("DRSPP")

In February 2021, the Company filed a registration statement with the SEC for our dividend reinvestment and stock purchase plan, or DRSPP, which automatically became effective upon filing. The Company registered 3,500,000 shares of our common stock under the DRSPP. The DRSPP commenced on September 24, 2001.

The following table summarizes SL Green common stock issued, and proceeds received from dividend reinvestments and/or stock purchases under the DRSPP for the three months ended March 31, 2023 and 2022, respectively (dollars in thousands):

	Three Months Ended March 31,	
	2023	2022
Shares of common stock issued	**5,280**	1,132
Dividend reinvestments/stock purchases under the DRSPP	**$ 184**	$ 89

Fifth Amended and Restated 2005 Stock Option and Incentive Plan

The Fifth Amended and Restated 2005 Stock Option and Incentive Plan, or the 2005 Plan, was approved by the Company's Board of Directors in April 2022 and its stockholders in June 2022 at the Company's annual meeting of stockholders. Subject to adjustments upon certain corporate transactions or events, awards with respect to up to a maximum of 32,210,000 fungible units may be granted as options, restricted stock, phantom shares, dividend equivalent rights and other equity-based awards under the 2005 Plan. As of March 31, 2023, 6.1 million fungible units were available for issuance under the 2005 Plan after reserving for shares underlying outstanding restricted stock units, and phantom stock units granted pursuant to our Non-Employee Directors' Deferral Program and LTIP Units.

Deferred Compensation Plan for Directors

During the three months ended March 31, 2023, 30,771 phantom stock units and 27,739 shares of common stock were issued to our Board of Directors. We recorded compensation expense of $2.1 million and $1.8 million during the three months ended March 31, 2023 and 2022, respectively, related to the Deferred Compensation Plan.

As of March 31, 2023, there were 221,764 phantom stock units outstanding pursuant to our Non-Employee Director's Deferral Program.

Indebtedness

The table below summarizes our consolidated mortgages and other loans payable, 2021 credit facility, 2022 term loan, senior unsecured notes and trust preferred securities outstanding as of March 31, 2023 and December 31, 2022, (amounts in thousands).

Debt Summary:		March 31, 2023		December 31, 2022
Balance				
Fixed rate	$	**2,644,341**	$	2,695,814
Variable rate—hedged		**2,370,000**		2,320,000
Total fixed rate		**5,014,341**		5,015,814
Total variable rate		**585,148**		520,148
Total debt	$	**5,599,489**	$	5,535,962
Debt, preferred equity, and other investments subject to variable rate	$	**149,754**	$	144,056
Net exposure to variable rate debt		**435,394**		376,092
Percent of Total Debt:				
Fixed rate		**89.5 %**		90.6 %
Variable rate [(1)]		**10.5 %**		9.4 %
Total		**100.0 %**		100.0 %
Effective Interest Rate for the Year:				
Fixed rate		**4.25 %**		3.60 %
Variable rate		**5.74 %**		3.23 %
Effective interest rate		**4.41 %**		3.55 %

(1) Inclusive of the mitigating effect of our debt, preferred equity, and other investments subject to variable rates, the percent of total debt of our net exposure to variable rate debt was 8.0% and 7.0% as of March 31, 2023 and December 31, 2022, respectively.

The variable rate debt shown above generally bears interest at an interest rate based on 30-day LIBOR (4.86% and 4.39% as of March 31, 2023 and December 31, 2022, respectively), and adjusted Term SOFR (4.80% and 4.30% as of March 31, 2023 and December 31, 2022, respectively). Our consolidated debt as of March 31, 2023 had a weighted average term to maturity of 3.51 years.

Certain of our debt and equity investments and other investments, with carrying values of $149.8 million as of March 31, 2023 and $144.1 million as of December 31, 2022, are variable rate investments which mitigate our exposure to interest rate changes on our unhedged variable rate debt. Inclusive of the mitigating effect of these investments, the net ratio of our variable rate debt to total debt was 8.0% and 7.0% as of respectively.

2021 Credit Facility

In December 2021, we entered into an amended and restated credit facility, referred to as the 2021 credit facility, that was previously amended by the Company in November 2017, or the 2017 credit facility, and was originally entered into by the Company in November 2012, or the 2012 credit facility. As of March 31, 2023, the 2021 credit facility consisted of a $1.25 billion revolving credit facility, a $1.05 billion term loan (or "Term Loan A"), and a $200.0 million term loan (or "Term Loan B") with maturity dates of May 15, 2026, May 15, 2027, and November 21, 2024, respectively. The revolving credit facility has two six-month, as-of-right extension options to May 15, 2027. We also have an option, subject to customary conditions, to increase the capacity of the credit facility to $4.5 billion at any time prior to the maturity dates for the revolving credit facility and term loans without the consent of existing lenders, by obtaining additional commitments from our existing lenders and other financial institutions.

As of March 31, 2023, the 2021 credit facility bore interest at a spread over adjusted Term SOFR plus 10 basis points with an interest period of one or three months, as we may elect, ranging from (i) 72.5 basis points to 140 basis points for loans under the revolving credit facility, (ii) 80 basis points to 160 basis points for loans under Term Loan A, and (iii) 85 basis points to 165 basis points for loans under Term Loan B, in each case based on the credit rating assigned to the senior unsecured long term indebtedness of the Company. In instances where there are either only two ratings available or where there are more than two and the difference between them is one rating category, the applicable rating shall be the highest rating. In instances where there are more than two ratings and the difference between the highest and the lowest is two or more rating categories, then the applicable rating used is the average of the highest two, rounded down if the average is not a recognized category.

As of March 31, 2023, the applicable spread over adjusted Term SOFR plus 10 basis points was 105 basis points for the revolving credit facility, 120 basis points for Term Loan A, and 125 basis points for Term Loan B. We are required to pay quarterly in arrears a 12.5 to 30 basis point facility fee on the total commitments under the revolving credit facility based on the credit rating assigned to the senior unsecured long term indebtedness of the Company. As of March 31, 2023, the facility fee was 25 basis points.

As of March 31, 2023, we had $2.0 million of outstanding letters of credit, $490.0 million drawn under the revolving credit facility and $1.25 billion outstanding under the term loan facilities, with total undrawn capacity of $760.0 million under the 2021 credit facility. As of March 31, 2023 and December 31, 2022, the revolving credit facility had a carrying value of $483.6 million and $443.2 million, respectively, net of deferred financing costs. As of March 31, 2023 and December 31, 2022, the term loan facilities had a carrying value of $1.2 billion and $1.2 billion, respectively, net of deferred financing costs.

The Company and the Operating Partnership are borrowers jointly and severally obligated under the 2021 credit facility.

The 2021 credit facility includes certain restrictions and covenants (see Restrictive Covenants below).

2022 Term Loan

In October 2022, we entered into a term loan agreement, referred to as the 2022 term loan. As of March 31, 2023, the 2022 term loan consisted of a $425.0 million term loan with a maturity date of October 6, 2023. The 2022 term loan has one six-month as-of-right extension option to April 6, 2024. We also had an option, subject to customary conditions, to increase the capacity of the 2022 term loan to $500.0 million on or before January 7, 2023 without the consent of existing lenders, by obtaining additional commitments from our existing lenders and other financial institutions. In January 2023, the 2022 term loan was increased by $25.0 million to $425.0 million.

As of March 31, 2023, the 2022 term loan bore interest at a spread over adjusted Term SOFR plus 10 basis points, ranging from 100 basis points to 180 basis points, in each case based on the credit rating assigned to the senior unsecured long-term indebtedness of the Company. In instances where there are either only two ratings available or where there are more than two and the difference between them is one rating category, the applicable rating shall be the highest rating. In instances where there are more than two ratings and the difference between the highest and the lowest is two or more rating categories, then the applicable rating used is the average of the highest two, rounded down if the average is not a recognized category. As of March 31, 2023, the applicable spread over adjusted Term SOFR plus 10 basis points was 140 basis points. As of March 31, 2023 and December 31, 2022, the 2022 term loan had a carrying value of $423.4 million and $398.2 million, respectively, net of deferred financing costs.

The Company and the Operating Partnership are borrowers jointly and severally obligated under the 2022 term loan.

The 2022 term loan includes certain restrictions and covenants (see Restrictive Covenants below).

Restrictive Covenants

The terms of the 2021 credit facility, 2022 term loan and certain of our senior unsecured notes include certain restrictions and covenants which may limit, among other things, our ability to pay dividends, make certain types of investments, incur additional indebtedness, incur liens and enter into negative pledge agreements and dispose of assets, and which require compliance with financial ratios relating to the maximum ratio of total indebtedness to total asset value, a minimum ratio of EBITDA to fixed charges, a maximum ratio of secured indebtedness to total asset value and a maximum ratio of unsecured indebtedness to unencumbered asset value. The dividend restriction referred to above provides that we will not, during any time when a default is continuing, make distributions with respect to common stock or other equity interests, except to enable the Company to continue to qualify as a REIT for Federal income tax purposes. As of March 31, 2023 and December 31, 2022, we were in compliance with all such covenants.

Interest Rate Risk

We are exposed to changes in interest rates primarily from our variable rate debt. Our exposure to interest rate fluctuations are managed through the use of interest rate derivative instruments and through our variable rate debt and preferred equity investments. Based on the debt outstanding as of March 31, 2023, a hypothetical 100 basis point increase in the floating rate interest rate curve would increase our consolidated annual interest cost, net of interest income from variable rate debt and preferred equity investments, by $4.1 million and would increase our share of joint venture annual interest cost by $6.7 million. As of March 31, 2023, $0.1 billion of our debt and preferred equity portfolio was indexed to LIBOR.

We recognize most derivatives on the balance sheet at fair value. Derivatives that are not hedges are adjusted to fair value through income. If a derivative is considered a hedge, depending on the nature of the hedge, changes in the fair value of the derivative will either be offset against the change in fair value of the hedged asset, liability, or firm commitment through earnings, or recognized in other comprehensive income until the hedged item is recognized in earnings.

Our consolidated long-term debt of $5.0 billion bears interest at fixed rates, and therefore the fair value of these instruments is affected by changes in the market interest rates. Our variable rate debt and variable rate joint venture debt as of March 31, 2023 bore interest based on a spread to LIBOR of 145 basis points to 340 basis points, and Term SOFR of 115 basis points to 575 basis points.

Off-Balance Sheet Arrangements

We have off-balance sheet investments, including joint ventures and debt and preferred equity investments. These investments all have varying ownership structures. A majority of our joint venture arrangements are accounted for under the equity method of accounting as we have the ability to exercise significant influence, but not control, over the operating and financial decisions of these joint venture arrangements. Our off-balance sheet arrangements are discussed in Note 5, "Debt and Preferred Equity Investments" and Note 6, "Investments in Unconsolidated Joint Ventures" in the accompanying consolidated financial statements.

Dividends/Distributions

We expect to pay dividends to our stockholders based on the distributions we receive from our Operating Partnership.

To maintain our qualification as a REIT, we must pay annual dividends to our stockholders of at least 90% of our REIT taxable income, determined before taking into consideration the dividends paid deduction and net capital gains.

Any dividend we pay may be in the form of cash, stock or a combination thereof, subject to IRS limitations on the use of stock for dividends. Additionally, if our REIT taxable income in a particular year exceeds the amount of cash dividends we pay in that year, we may pay stock dividends in order to maintain our REIT status and avoid certain REIT-level taxes.

Before we pay any cash dividend, whether for Federal income tax purposes or otherwise, which would only be paid out of available cash to the extent permitted under the 2021 credit facility, 2022 term loan and senior unsecured notes, we must first meet both our operating requirements and scheduled debt service on our mortgages and loans payable.

Insurance

We maintain “all-risk” property and rental value coverage (including coverage regarding the perils of flood, earthquake and terrorism, excluding nuclear, biological, chemical, and radiological terrorism ("NBCR")), within two property insurance programs and liability insurance. Separate property and liability coverage may be purchased on a stand-alone basis for certain assets, such as development projects. Additionally, one of our captive insurance companies, Belmont Insurance Company, or Belmont, provides coverage for NBCR terrorist acts above a specified trigger. Belmont's retention is reinsured by our other captive insurance company, Ticonderoga Insurance Company ("Ticonderoga"). If Belmont or Ticonderoga are required to pay a claim under our insurance policies, we would ultimately record the loss to the extent of required payments. However, there is no assurance that in the future we will be able to procure coverage at a reasonable cost. Further, if we experience losses that are uninsured or that exceed policy limits, we could lose the capital invested in the damaged properties as well as the anticipated future cash flows from those properties. Additionally, our debt instruments contain customary covenants requiring us to maintain insurance and we could default under our debt instruments if the cost and/or availability of certain types of insurance make it impractical or impossible to comply with such covenants relating to insurance. Belmont and Ticonderoga provide coverage solely on properties owned by the Company or its affiliates.

Furthermore, with respect to certain of our properties, including properties held by joint ventures or subject to triple net leases, insurance coverage is obtained by a third-party and we do not control the coverage. While we may have agreements with such third parties to maintain adequate coverage and we monitor these policies, such coverage ultimately may not be maintained or adequately cover our risk of loss.

Funds from Operations

FFO is a widely recognized non-GAAP financial measure of REIT performance. The Company computes FFO in accordance with standards established by NAREIT, which may not be comparable to FFO reported by other REITs that do not compute FFO in accordance with the NAREIT definition, or that interpret the NAREIT definition differently than the Company does. The revised White Paper on FFO approved by the Board of Governors of NAREIT in April 2002, and subsequently amended in December 2018, defines FFO as net income (loss) (computed in accordance with GAAP), excluding gains (or losses) from sales of properties and real estate related impairment charges, plus real estate related depreciation and amortization and after adjustments for unconsolidated partnerships and joint ventures.

The Company presents FFO because it considers it an important supplemental measure of the Company's operating performance and believes that it is frequently used by securities analysts, investors and other interested parties in the evaluation of REITs, particularly those that own and operate commercial office properties. The Company also uses FFO as one of several criteria to determine performance-based compensation for members of its senior management. FFO is intended to exclude GAAP historical cost depreciation and amortization of real estate and related assets, which assumes that the value of real estate assets diminishes ratably over time. Historically, however, real estate values have risen or fallen with market conditions. Because FFO excludes depreciation and amortization unique to real estate, gains and losses from property dispositions, and real estate related impairment charges, it provides a performance measure that, when compared year over year, reflects the impact to operations from trends in occupancy rates, rental rates, operating costs, and interest costs, providing perspective not immediately apparent from net income. FFO does not represent cash generated from operating activities in accordance with GAAP and should not be considered as an alternative to net income (determined in accordance with GAAP), as an indication of the Company's financial performance or to cash flow from operating activities (determined in accordance with GAAP) as a measure of the Company's liquidity, nor is it indicative of funds available to fund the Company's cash needs, including our ability to make cash distributions.

FFO for the three months ended March 31, 2023 and 2022 are as follows (in thousands):

	Three Months Ended March 31,	
	2023	**2022**
Net (loss) income attributable to SL Green common stockholders	**$ (39,731)**	$ 7,751
Add:		
Depreciation and amortization	**78,548**	46,983
Joint venture depreciation and noncontrolling interest adjustments	**69,534**	60,432
Net (income) loss attributable to noncontrolling interests	**(3,962)**	349
Less:		
Equity in net loss on sale of interest in unconsolidated joint venture/real estate	**(79)**	—
Loss on sale of real estate, net	**(1,651)**	(1,002)
Depreciation on non-rental real estate assets	**634**	721
Funds from Operations attributable to SL Green common stockholders and unit holders	**$ 105,485**	$ 115,796
Cash flows provided by operating activities	**$ 42,349**	$ 81,402
Cash flows (used in) provided by investing activities	**(66,369)**	13,496
Cash flows used in financing activities	**(2,772)**	(124,564)

Inflation

Substantially all of our office leases provide for separate real estate tax and operating expense escalations as well as operating expense recoveries based on increases in the CPI or other measures such as porters' wage. In addition, many of the leases provide for fixed base rent increases. We believe that inflationary increases will be at least partially offset by the contractual rent increases and expense escalations described above.

Accounting Standards Updates

The Accounting Standards Updates are discussed in Note 2, "Significant Accounting Policies-Accounting Standards Updates" in the accompanying consolidated financial statements.

Forward-Looking Information

This report includes certain statements that may be deemed to be "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 and are intended to be covered by the safe harbor provisions thereof. All statements, other than statements of historical facts, included in this report that address activities, events or developments that we expect, believe or anticipate will or may occur in the future, including such matters as future capital expenditures, dividends and acquisitions (including the amount and nature thereof), development trends of the real estate industry and the New York metropolitan area markets, business strategies, expansion and growth of our operations and other similar matters, are forward-looking statements. These forward-looking statements are based on certain assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions, expected future developments and other factors we believe are appropriate.

Forward-looking statements are not guarantees of future performance and actual results or developments may differ materially, and we caution you not to place undue reliance on such statements. Forward-looking statements are generally identifiable by the use of the words "may," "will," "should," "expect," "anticipate," "estimate," "believe," "intend," "project," "continue," or the negative of these words, or other similar words or terms.

Forward-looking statements contained in this report are subject to a number of risks and uncertainties that may cause our actual results, performance or achievements to be materially different from future results, performance or achievements expressed or implied by forward-looking statements made by us. These risks and uncertainties include:

- the effect of general economic, business and financial conditions, and their effect on the New York City real estate market in particular;
- dependence upon certain geographic markets;
- risks of real estate acquisitions, dispositions, development and redevelopment, including the cost of construction delays and cost overruns;
- risks relating to debt and preferred equity investments;
- availability and creditworthiness of prospective tenants and borrowers;
- bankruptcy or insolvency of a major tenant or a significant number of smaller tenants or borrowers;
- adverse changes in the real estate markets, including reduced demand for office space, increasing vacancy, and increasing availability of sublease space;
- availability of capital (debt and equity);
- unanticipated increases in financing and other costs, including a rise in interest rates;
- our ability to comply with financial covenants in our debt instruments;
- our ability to maintain our status as a REIT;
- risks of investing through joint venture structures, including the fulfillment by our partners of their financial obligations;
- the threat of terrorist attacks;
- our ability to obtain adequate insurance coverage at a reasonable cost and the potential for losses in excess of our insurance coverage, including as a result of environmental contamination; and
- legislative, regulatory and/or safety requirements adversely affecting REITs and the real estate business including costs of compliance with the Americans with Disabilities Act, the Fair Housing Act and other similar laws and regulations.

Other factors and risks to our business, many of which are beyond our control, are described in other sections of this report and in our other filings with the SEC. Except to the extent required by law, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of future events, new information or otherwise.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURE ABOUT MARKET RISK

For quantitative and qualitative disclosure about market risk, see Item 2, "Management's Discussion and Analysis of Financial Condition and Results of Operation - Interest Rate Risk" in this Quarterly Report on Form 10-Q for the three months ended March 31, 2023 for the Company and the Operating Partnership and Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations - Interest Rate Risk" in the Annual Report on Form 10-K for the year ended December 31, 2022 for the Company and the Operating Partnership. Our exposures to market risk have not changed materially since December 31, 2022.

ITEM 4. CONTROLS AND PROCEDURES

SL GREEN REALTY CORP.

Evaluation of Disclosure Controls and Procedures

The Company maintains disclosure controls and procedures that are designed to ensure that information required to be disclosed in our Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure based closely on the definition of "disclosure controls and procedures" in Rule 13a-15(e) of the Exchange Act. Notwithstanding the foregoing, a control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that it will detect or uncover failures within the Company to disclose material information otherwise required to be set forth in our periodic reports. Also, the Company has investments in certain unconsolidated entities. As the Company does not control these entities, its disclosure controls and procedures with respect to such entities are necessarily substantially more limited than those the Company maintains with respect to its consolidated subsidiaries.

As of the end of the period covered by this report, the Company carried out an evaluation, under the supervision and with the participation of the Company's management, including our Chief Executive Officer and our Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. Based upon that evaluation as of the end of the period covered by this report, the Company's Chief Executive Officer and Chief Financial Officer concluded that its disclosure controls and procedures were effective to give reasonable assurances to the timely collection, evaluation and disclosure of information relating to the Company that would potentially be subject to disclosure under the Exchange Act and the rules and regulations promulgated thereunder.

Changes in Internal Control over Financial Reporting

There have been no significant changes in the Company's internal control over financial reporting during the quarter ended March 31, 2023 that have materially affected, or are reasonably likely to materially affect, its internal control over financial reporting.

SL GREEN OPERATING PARTNERSHIP, L.P.

Evaluation of Disclosure Controls and Procedures

The Company maintains disclosure controls and procedures that are designed to ensure that information required to be disclosed in our Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure based closely on the definition of "disclosure controls and procedures" in Rule 13a-15(e) of the Exchange Act. Notwithstanding the foregoing, a control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that it will detect or uncover failures within the Company to disclose material information otherwise required to be set forth in our periodic reports. Also, the Company has investments in certain unconsolidated entities. As the Company does not control these entities, its disclosure controls and procedures with respect to such entities are necessarily substantially more limited than those the Company maintains with respect to its consolidated subsidiaries.

As of the end of the period covered by this report, the Company carried out an evaluation, under the supervision and with the participation of the Company's management, including our Chief Executive Officer and our Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. Based upon that evaluation as of the end of the period covered by this report, the Company's Chief Executive Officer and Chief Financial Officer concluded that its disclosure controls and procedures were effective to give reasonable assurances to the timely collection, evaluation and disclosure of information relating to the Company that would potentially be subject to disclosure under the Exchange Act and the rules and regulations promulgated thereunder.

Changes in Internal Control over Financial Reporting

There have been no significant changes in the Operating Partnership's internal control over financial reporting during the quarter ended March 31, 2023 that have materially affected, or are reasonably likely to materially affect, its internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

As of March 31, 2023, the Company and the Operating Partnership were not involved in any material litigation nor, to management's knowledge, was any material litigation threatened against us or our portfolio which if adversely determined could have a material adverse impact on us.

ITEM 1A. RISK FACTORS

As of March 31, 2023 there have been no material changes to the Risk Factors disclosed in "Part I. Item 1A. Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2022.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

In August 2016, our Board of Directors approved a $1.0 billion share repurchase program under which we can buy shares of our common stock. The Board of Directors has since authorized five separate $500.0 million increases to the size of the share repurchase program in the fourth quarter of 2017, second quarter of 2018, fourth quarter of 2018, fourth quarter of 2019, and fourth quarter of 2020 bringing the total program size to $3.5 billion.

As of March 31, 2023, share repurchases executed under the program, excluding the redemption of OP units, were as follows:

Period	Shares repurchased[(1)]	Average price paid per share	Cumulative number of shares repurchased as part of the repurchase plan or programs
Year ended 2017	7,865,206	$107.81	7,865,206
Year ended 2018	9,187,480	$102.06	17,052,686
Year ended 2019	4,333,260	$88.69	21,385,946
Year ended 2020	8,276,032	$64.30	29,661,978
Year ended 2021	4,474,649	$75.44	34,136,627
Year ended 2022	1,971,092	$76.69	36,107,719

(1) There have been no share repurchases during the three months ended March 31, 2023.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

ITEM 4. MINE SAFETY DISCLOSURES

Not Applicable.

ITEM 5. OTHER INFORMATION

None.

ITEM 6. EXHIBITS

Exhibits required by Item 601 of Regulation S-K are filed herewith or incorporated herein by reference and are listed in the attached Exhibit Index.

Exhibit No.	Description
3.1	Thirtieth Amendment to the first Amended and Restated Agreement of Limited Partnership of SL Green Operating Partnership, dated as of April 20, 2023, filed herewith.
31.1	Certification by the Chairman and Chief Executive Officer of the Company pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, filed herewith.
31.2	Certification by the Chief Financial Officer of the Company pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, filed herewith.
31.3	Certification by the Chairman and Chief Executive Officer of the Company, the sole general partner of the Operating Partnership pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, filed herewith.
31.4	Certification by the Chief Financial Officer of the Company, the sole general partner of the Operating Partnership pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, filed herewith.
32.1	Certification by the Chairman and Chief Executive Officer pursuant to 18 U.S.C. section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, filed herewith.
32.2	Certification by the Chief Financial Officer pursuant to 18 U.S.C. section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, filed herewith.
32.3	Certification by the Chairman and Chief Executive Officer of the Company, the sole general partner of the Operating Partnership pursuant to 18 U.S.C. section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, filed herewith.
32.4	Certification by the Chief Financial Officer of the Company, the sole general partner of the Operating Partnership pursuant to 18 U.S.C. section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, filed herewith.
101	The following financial statements from SL Green Realty Corp. and SL Green Operating Partnership L.P.'s Quarterly Report on Form 10-Q for the quarter ended March 31, 2023, formatted in Inline XBRL: (i) Consolidated Balance Sheets (unaudited), (ii) Consolidated Statements of Operations (unaudited), (iii) Consolidated Statements of Comprehensive Income (unaudited), (iv) Consolidated Statements of Equity (unaudited), (v) Consolidated Statements of Capital (unaudited) (vi) Consolidated Statements of Cash Flows (unaudited), and (vii) Notes to Consolidated Financial Statements (unaudited), detail tagged and filed herewith.
104	Cover Page Interactive Data File (formatted as Inline XBRL in Exhibit 101)

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

		SL GREEN REALTY CORP.
	By:	SL Green Realty Corp.
		/s/ Matthew J. DiLiberto
Dated: May 5, 2023	By:	Matthew J. DiLiberto Chief Financial Officer (Principal Financial and Accounting Officer)

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

		SL GREEN OPERATING PARTNERSHIP, L.P.
	By:	/s/ Matthew J. DiLiberto
Dated: May 5, 2023		Matthew J. DiLiberto Chief Financial Officer of SL Green, the sole general partner of the Operating Partnership (Principal Financial and Accounting Officer)

Exhibit 3.1

**THIRTIETH AMENDMENT TO THE
FIRST AMENDED AND RESTATED
AGREEMENT OF LIMITED PARTNERSHIP
OF SL GREEN OPERATING PARTNERSHIP, L.P.**

This Thirtieth Amendment is made as of April 20, 2023 by SL Green Realty Corp., a Maryland corporation, as general partner (the "General Partner") of SL Green Operating Partnership, L.P., a Delaware limited partnership (the "Partnership"), for the purpose of amending the First Amended and Restated Agreement of Limited Partnership of, dated as of August 20, 1997, as amended from time to time (the "Partnership Agreement"). Capitalized terms used herein and not otherwise defined shall have the meanings given to them in the Partnership Agreement.

WHEREAS, pursuant to Section 14.1.B(4) of Partnership Agreement, the General Partner may generally amend the Partnership Agreement without consent of the Limited Partners to reflect a change that does not adversely affect any of the Limited Partners in any material respect; and

WHEREAS, the General Partner has determined that it is necessary and desirable to amend the Partnership Agreement for the purposes of updating the Partnership Agreement to reflect certain changes in the law with respect to a centralized partnership tax audit regime and clarifying certain other provisions of the Partnership Agreement.

NOW, THEREFORE, in consideration of the premises set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the General Partner hereby amends that Partnership Agreement as follows:

1. Section 10.3.A of the Partnership Agreement is hereby deleted in its entirety and replaced with the following:

A. The General Partner shall serve as the "partnership representative" (the "Partnership Representative") and, if applicable, the "designated individual" (the "Designated Individual"), of the Partnership within the meaning of Section 6223 of the Code and the Regulations promulgated thereunder, and any representative in any other similar capacity for purposes of state or local law; provided that the Designated Individual shall be either the General Partner or an officer, director or employee of the Partnership or SL Green Management LLC. The General Partner is specifically directed and authorized to take whatever steps are necessary or desirable to perfect such designations, including filing any forms or documents with the Internal Revenue Service or other tax authority and taking such other action as may from time to time be required under the Code or the Regulations or other applicable law. The Partners agree to provide the Partnership with such information that the General Partner determines is reasonably necessary for the Partnership to comply with the Code or the Regulations or other applicable law. The Partnership Representative and the Designated Individual shall have the power and perform the obligations required of a "partnership representative" and a "designated individual" to the extent and in the manner provided by applicable Code sections and Regulations. To the extent the provisions contained in Section 10.3.B and 10.3.C do not conflict with this Section 10.3.A, those subsections shall apply to the Partnership Representative and the Designated Individual.

2. Sections 6.1.A and 6.1.B of the Partnership Agreement are hereby amended to provide as follows (with changes in *italics*):

A. Net Income. After giving effect to the special allocations set forth in Section 1 of Exhibit C hereto, Net Income shall be allocated (i) first, to the General Partner to the extent that Net Losses previously allocated to the General Partner, on a cumulative basis, pursuant to the last sentence of Section 6.l.B below exceed Net Income previously allocated to the General Partner, on a cumulative basis, pursuant to this clause (i) of Section 6.l.A; (ii) second, to the Recourse Partners until each Recourse Partner has been allocated, on a cumulative basis, pursuant to this clause (ii) of Section 6.1.A, Net Income equal to the amount of any prior allocations of Net Losses to such Recourse Partner, on a cumulative basis, pursuant to Section 6.1.B(v) below (pro rata in proportion to the respective percentages of cumulative Net Losses allocated to all Recourse Partners pursuant to Section 6.1.B(v) below); (iii) *[intentionally deleted]*; (iv) *third*, with respect to classes of Partnership Interests that are entitled to any preference in distribution, on a class by class basis, Net Income equal to the amount of any prior allocations of Net Losses to such classes pursuant to Section 6.1(B)(iii) below, in the reverse order in which each such class was allocated such Net Losses (and, within each such class, pro rata in proportion to the respective interests in such class as of the last day of the period for which such allocation is being made)*;* (v) *fourth,* to the holders of any Partnership Interests that are entitled to any preference in distribution in accordance with the rights of any such class of Partnership Interests until each such Partnership Interest has been allocated, on a cumulative basis pursuant to this clause (v) (or its predecessor), Net Income equal to the sum of the amount of distributions received with respect to such Partnership Interests pursuant to clause (i) of Section 5.1.B hereof and the amount of any prior allocations of Net Losses to such class of Partnership Interests pursuant to Section 6.1.B(i) below (and, within such class, pro rata in proportion to the respective interests in such class as of the last day of the period for which such allocation is being made)*;* and (vi) *fifth,* with respect to Partnership Interests that are not entitled to any preference in distribution, pro rata to each such class in accordance with the terms of such class (and, within such class, pro rata in proportion to the respective interests in such class as of the last day of the period for which such allocation is being made).

B. Net Losses. After giving effect to the special allocations set forth in Section 1 of Exhibit C hereto, Net Losses shall be allocated (i) first, to the holders of any Partnership Interests that are entitled to any preference in distribution*,* in accordance with the rights of any such class of Partnership Interests to the extent that any prior allocations of Net Income to such class of Partnership Interests pursuant to Section 6.1.A(v) above (or its predecessor) exceed, on a cumulative basis, distributions with respect to such Partnership Interests pursuant to clause (i) of Section 5.1.B hereof (and, within such class, pro rata in proportion to the respective interests in such class as of the last day of the period for which such allocation is being made)*;* (ii) second, with respect to classes of Partnership Interests that are not entitled to any preference in distribution, pro rata to each such class in accordance with the terms of such class (and, within such class, pro rata in proportion to the respective interests in such class as of the last day of the period for which such allocation is being made), provided that, Net Losses shall not be allocated to any Limited Partner pursuant to this clause (ii) of Section 6.1.B to the extent that such allocation would cause such Limited Partner to have a deficit Modified Adjusted Capital Account balance (or increase any existing deficit Modified Adjusted Capital Account balance) (calculated without regard to any interest such Limited Partner may have in Partnership Interests that are entitled to any preference distribution) at the end of such taxable year (or portion thereof); (iii) third, with respect to classes of Partnership Interests that are entitled to any preference in distribution, on a class by class basis in the reverse priority in which each such class is entitled to distributions (and, within each such class, pro rata in proportion to the respective interests in such class as of the last day of the period for which such allocation is being made), provided that, Net Losses shall not be allocated to any Partner pursuant to this clause (iii) of Section 6.1.B to the extent that such allocation would cause such Partner to have a deficit Modified Adjusted Capital Account balance (or increase any existing deficit Modified Adjusted Capital Account Balance) at the end of such taxable year (or portion thereof); (iv) *[intentionally deleted]*; and (v) *fourth*, to the Recourse Partners, pro rata in proportion to their respective Recourse Debt Percentages, until each such Recourse Partner's deficit Modified Adjusted Capital Account balance shall equal such Recourse Partner's Recourse Amount. All Net Losses in excess of the limitations set forth in this Section 6.l.B shall be allocated to the General Partner.

3. The definitions of any capitalized terms defined in this Amendment and used in any of the amendments set forth above shall be deemed to be added to Article I – Defined Terms of the Partnership Agreement.

4. Except as modified herein, all terms and conditions of the Partnership Agreement shall remain in full force and effect, which terms and conditions the General Partner hereby ratifies and confirms.

5. This Amendment shall be construed and enforced in accordance with and governed by the laws of the State of Delaware, without regard to conflicts of law.

6. If any provision of this Amendment is or becomes invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall not be affected thereby. Except as expressly modified by the foregoing, the Partnership Agreement remains in full force and effect.

IN WITNESS WHEREOF, the undersigned has executed this Thirtieth Amendment to the Partnership Agreement.

SL GREEN REALTY CORP., a Maryland corporation,

as General Partner of SL Green Operating Partnership, L.P.

and on behalf of existing Limited Partners

By: /s/ Andrew S. Levine

Andrew S. Levine

Executive Vice President

Exhibit 31.1

CERTIFICATION

I, Marc Holliday, certify that:

1. I have reviewed this quarterly report on Form 10-Q of SL Green Realty Corp. (the “registrant”);

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant’s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

   (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

   (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

   (c) Evaluated the effectiveness of the registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

   (d) Disclosed in this report any change in the registrant’s internal control over financial reporting that occurred during the registrant’s most recent fiscal quarter (the registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant’s internal control over financial reporting; and

5. The registrant’s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant’s auditors and the audit committee of the registrant’s board of directors (or persons performing the equivalent functions):

   (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; and

   (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal control over financial reporting.

Date: May 5, 2023

/s/ Marc Holliday

Name: Marc Holliday
Title: Chairman and Chief Executive Officer

Exhibit 31.2

CERTIFICATION

I, Matthew J. DiLiberto, certify that:

1. I have reviewed this quarterly report on Form 10-Q of SL Green Realty Corp. (the “registrant”);

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant’s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

   (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

   (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

   (c) Evaluated the effectiveness of the registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

   (d) Disclosed in this report any change in the registrant’s internal control over financial reporting that occurred during the registrant’s most recent fiscal quarter (the registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant’s internal control over financial reporting; and

5. The registrant’s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant’s auditors and the audit committee of the registrant’s board of directors (or persons performing the equivalent functions):

   (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; and

   (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal control over financial reporting.

Date: May 5, 2023

/s/ Matthew J. DiLiberto

Name: Matthew J. DiLiberto
Title: Chief Financial Officer

Exhibit 31.3

CERTIFICATION

I, Marc Holliday, certify that:

1. I have reviewed this quarterly report on Form 10-Q of SL Green Operating Partnership, L.P. (the "registrant");

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

   (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

   (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

   (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

   (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

   (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

   (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 5, 2023

/s/ Marc Holliday

Name: Marc Holliday
Title: Chairman and Chief Executive Officer
of SL Green Realty Corp., the
general partner of the registrant

Exhibit 31.4

CERTIFICATION

I, Matthew J. DiLiberto, certify that:

1. I have reviewed this quarterly report on Form 10-Q of SL Green Operating Partnership, L.P. (the “registrant”);

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant’s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

   (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

   (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

   (c) Evaluated the effectiveness of the registrant’s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

   (d) Disclosed in this report any change in the registrant’s internal control over financial reporting that occurred during the registrant’s most recent fiscal quarter (the registrant’s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant’s internal control over financial reporting; and

5. The registrant’s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant’s auditors and the audit committee of the registrant’s board of directors (or persons performing the equivalent functions):

   (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant’s ability to record, process, summarize and report financial information; and

   (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant’s internal control over financial reporting.

Date: May 5, 2023

/s/ Matthew J. DiLiberto

Name: Matthew J. DiLiberto
Title: Chief Financial Officer
of SL Green Realty Corp., the
general partner of the registrant

Exhibit 32.1

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of SL Green Realty Corp. (the “Company”) on Form 10-Q as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Marc Holliday, Chairman and Chief Executive Officer of the Company, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934; and

2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

	/s/ Marc Holliday
Name:	Marc Holliday
Title:	Chairman and Chief Executive Officer

May 5, 2023

Exhibit 32.2

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of SL Green Realty Corp. (the "Company") on Form 10-Q as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Matthew J. DiLiberto, Chief Financial Officer of the Company, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934; and

2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

	/s/ Matthew J. DiLiberto
Name:	Matthew J. DiLiberto
Title:	Chief Financial Officer

May 5, 2023

Exhibit 32.3

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of SL Green Operating Partnership, L.P. (the "Operating Partnership") on Form 10-Q as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Marc Holliday, Chairman and Chief Executive Officer of SL Green Realty Corp, the sole general partner of the Operating Partnership, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934; and

2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Operating Partnership.

/s/ Marc Holliday

Name: Marc Holliday
Title: Chairman and Chief Executive Officer
of SL Green Realty Corp., the
general partner of the Operating Partnership

May 5, 2023

Exhibit 32.4

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of SL Green Operating Partnership, L.P. (the “Operating Partnership”) on Form 10-Q as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Matthew J. DiLiberto, Chief Financial Officer of SL Green Realty Corp, the sole general partner of the Operating Partnership, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934; and

2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Operating Partnership.

/s/ Matthew J. DiLiberto

Name: Matthew J. DiLiberto
Title: Chief Financial Officer
of SL Green Realty Corp., the
general partner of the Operating Partnership

May 5, 2023