# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

	-		-
		FORM 10-Q	
⋖	QUARTERLY REPORT PURSUANT TO SECT	TION 13 OR 15(d) OF THE SECURITIES EXCH.	- ANGE ACT OF 1934
		For the quarterly period ended March 31, 2023 OR	
]	TRANSITION REPORT PURSUANT TO SECT	TION 13 OR 15(d) OF THE SECURITIES EXCHA	ANGE ACT OF 1934
	Fe	or the transition period from to Commission file number 001-35877	_
	HANNON ARMSTRON	HASI  G SUSTAINABLE INFRASTRUC	TURE CAPITAL, INC
	HANNON ARMSTRON	(Exact name of registrant as specified in its charter)	CHURE CAITIAE, INC
	-		-
	Maryland (State or other jurisdiction of incorporation or organization)		46-1347456 (I.R.S. Employer Identification No.)
	One Park Place Suite 200		
	Annapolis, Maryland (Address of principal executive offices)		21401 (Zip code)
	(Address of principal executive offices)		(Zip code)
		(410) 571-9860	
		(Registrant's telephone number, including area code)	
		N/A	
	(Former nar	ne, former address and former fiscal year, if changed since	last report)

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.01 par value per share	HASI	New York Stock Exchange

	Common Stock, \$0.01 pa	r value per share	HASI	New York Stock Exchange	
				r 15(d) of the Securities Exchange Act of 1934 during the pr filing requirements for the past 90 days. Yes ⊠ No □	eceding 12 months
			onically every Interactive Data File rec he registrant was required to submit su	uired to be submitted pursuant to Rule 405 of Regulation Sch files). Yes $\boxtimes$ No $\square$	T (§232.405 of this
		, .		erated filer, a smaller reporting company, or an emerging grath company" in Rule 12b-2 of the Exchange Act.	owth company. See
	Large accelerated filer	$\boxtimes$		Accelerated filer	
	Non-accelerated filer			Smaller reporting company	
				Emerging growth company	
	an emerging growth company, indicate provided pursuant to Section 13(a) of	,	istrant has elected not to use the extend	ed transition period for complying with any new or revised	financial accounting
In	dicate by check mark whether the reg	gistrant is a shell company (a	as defined in Rule 12b-2 of the Exchan	ge Act). Yes □ No ⊠	
	dicate the number of shares outstandit tstanding as of May 2, 2023 (which i			practicable date: 91,863,679 shares of common stock, par v	alue \$0.01 per

#### FORWARD-LOOKING STATEMENTS

We make forward-looking statements in this Quarterly Report on Form 10-Q ("Form 10-Q") within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act") that are subject to risks and uncertainties. For these statements, we claim the protections of the safe harbor for forward-looking statements contained in such Sections. These forward-looking statements include information about possible or assumed future results of our business, financial condition, liquidity, results of operations, plans and objectives. When we use the words "believe," "expect," "anticipate," "estimate," "plan," "continue," "intend," "should," "may" or similar expressions, we intend to identify forward-looking statements. However, the absence of these words or similar expressions does not mean that a statement is not forward-looking. All statements that address operating performance, events or developments that we expect or anticipate will occur in the future are forward-looking statements.

Forward-looking statements are subject to significant risks and uncertainties. Investors are cautioned against placing undue reliance on such statements. Actual results may differ materially from those set forth in the forward-looking statements. Accordingly, any such statements are qualified in their entirety by reference to, and are accompanied by, important factors included in Part I, Item 1A. Risk Factors contained in this Form 10-Q and in our Annual Report on Form 10-K for the year ended December 31, 2022, as amended by our Amendment No. 1 to our Annual Report on Form 10-K for the year ended December 31, 2022 (collectively, our "2022 Form 10-K") (in addition to any assumptions and other factors referred to specifically in connection with such forward-looking statements) that could have a significant impact on our operations and financial results, and could cause our actual results to differ materially from those contained or implied in forward-looking statements made by or on our behalf in this Form 10-Q, in presentations, on our websites, in response to questions or otherwise.

Any forward-looking statement speaks only as of the date on which such statement is made, and we undertake no obligation to update any forward-looking statement to reflect events or circumstances, including, but not limited to, unanticipated events, after the date on which such statement is made, unless otherwise required by law. New factors emerge from time to time and it is not possible for management to predict all of such factors, nor can it assess the impact of each such factor on the business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained or implied in any forward-looking statement.

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## PART I. FINANCIAL INFORMATION

## **Item 1. Financial Statements**

# HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (DOLLARS IN THOUSANDS, EXCEPT PER SHARE DATA) (UNAUDITED)

	March 31, 2023 (unaudited)	December 31, 2022
Assets		
Cash and cash equivalents	\$ 142,489	\$ 155,714
Equity method investments	2,249,684	1,869,712
Commercial receivables, net of allowance of \$43 million and \$41 million, respectively	1,962,793	1,887,483
Government receivables	97,968	102,511
Receivables held-for-sale	16,603	85,254
Real estate	352,227	353,000
Investments	10,499	10,200
Securitization assets	193,378	177,032
Other assets	114,229	119,242
Total Assets	\$ 5,139,870	\$ 4,760,148
Liabilities and Stockholders' Equity		
Liabilities:		
Accounts payable, accrued expenses and other	\$ 120,968	\$ 120,114
Credit facilities	358,728	50,698
Commercial paper notes	99,899	192
Term loan facility	380,102	379,742
Non-recourse debt (secured by assets of \$602 million and \$632 million, respectively)	395,002	432,756
Senior unsecured notes	1,779,749	1,767,647
Convertible notes	346,607	344,253
Total Liabilities	3,481,055	3,095,402
Stockholders' Equity:		
Preferred stock, par value \$0.01 per share, 50,000,000 shares authorized, no shares issued and outstanding	_	_
Common stock, par value \$0.01 per share, 450,000,000 shares authorized, 91,657,822 and 90,837,008 shares issued and outstanding, respectively	917	908
Additional paid in capital	1,946,904	1,924,200
Accumulated deficit	(297,708)	(285,474)
Accumulated other comprehensive income (loss)	(32,820)	(10,397)
Non-controlling interest	41,522	35,509
Total Stockholders' Equity	1,658,815	1,664,746
Total Liabilities and Stockholders' Equity	\$ 5,139,870	\$ 4,760,148

# HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

# (DOLLARS IN THOUSANDS, EXCEPT PER SHARE DATA) ( UNAUDITED)

	For	For the Three Months Ended Mar 31,		
		2023		2022
Revenue				
Interest income	\$	43,108	\$	30,242
Rental income		6,487		6,499
Gain on sale of receivables and investments		15,719		17,099
Securitization income		3,432		2,741
Other income		355		1,895
Total revenue		69,101		58,476
Expenses				
Interest expense		37,216		26,652
Provision for loss on receivables		1,883		621
Compensation and benefits		18,369		14,929
General and administrative		8,022		7,138
Total expenses		65,490		49,340
Income before equity method investments		3,611		9,136
Income (loss) from equity method investments		22,418		47,566
Income (loss) before income taxes		26,029		56,702
Income tax (expense) benefit		(1,431)		(10,999)
Net income (loss)	\$	24,598	\$	45,703
Net income (loss) attributable to non-controlling interest holders		492		357
Net income (loss) attributable to controlling stockholders	\$	24,106	\$	45,346
Basic earnings (loss) per common share	\$	0.26	\$	0.53
Diluted earnings (loss) per common share	\$	0.26	\$	0.51
Weighted average common shares outstanding—basic		91,102,374		85,583,152
Weighted average common shares outstanding—diluted		94,129,174		89,052,167

# HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

# (DOLLARS IN THOUSANDS)

# (UNAUDITED)

	Three Months Ended M				
		2023		2022	
Net income (loss)	\$	24,598	\$	45,703	
Unrealized gain (loss) on available-for-sale securities, net of tax benefit (provision) of \$0.3) million for the three months ended March 31, 2023 and \$1.0 million for the three months ended March 31, 2022		8,875		(22,709)	
Unrealized gain (loss) on interest rate swaps, net of tax benefit (provision) of \$0.3 million for the three months ended March 31, 2023 and \$(0.1) million for the three months ended March 31, 2022		(31,768)		289	
Comprehensive income (loss)		1,705		23,283	
Less: Comprehensive income (loss) attributable to non-controlling interest holders		22		182	
Comprehensive income (loss) attributable to controlling stockholders	\$	1,683	\$	23,101	

# HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY

# (AMOUNTS IN THOUSANDS)

# (UNAUDITED)

<u>-</u>	Common Stock		Additional		ccumulated	Accumulated Other Comprehensive		N	on-controlling			
	Shares	Aı	nount	id-in Capital	A	Deficit		Income (Loss)				Total
Balance at December 31, 2022		\$	908	\$ 1,924,200	\$	(285,474)	\$	(10,397)	\$	35,509	\$	1,664,746
Net income (loss)	_		_	_		24,106		_		492		24,598
Unrealized gain (loss) on available-for-sale securities	_		_	_		_		8,760		115		8,875
Unrealized gain (loss) on interest rate swaps	_		_	_		_		(31,183)		(585)		(31,768)
Issued shares of common stock	763		8	23,248		_		_		_		23,256
Equity-based compensation	_		_	774		_		_		7,124		7,898
Issuance (repurchase) of vested equity-based compensation shares	58		1	(1,318)		_		_		_		(1,317)
Dividends and distributions			_			(36,340)				(1,133)		(37,473)
Balance at March 31, 2023	91,658	\$	917	\$ 1,946,904	\$	(297,708)	\$	(32,820)	\$	41,522	\$	1,658,815
Balance at December 31, 2021	85,327	\$	853	\$ 1,727,667	\$	(193,706)	\$	9,904	\$	21,797	\$	1,566,515
Net income (loss)	_		_	_		45,346		_		357		45,703
Unrealized gain (loss) on available-for-sale securities	_		_	_		_		(22,532)		(177)		(22,709)
Unrealized gain (loss) on interest rate swaps	_		_	_		_		287		2		289
Issued shares of common stock	1,050		10	49,850		_		_		_		49,860
Equity-based compensation	_		_	962		_		_		2,579		3,541
Issuance (repurchase) of vested equity-based compensation shares	60		1	(2,212)		_		_		_		(2,211)
Conversion of Convertible Notes	283		3	7,671		_		_		_		7,674
Dividends and distributions	_		_	_		(32,922)		_		(1,746)		(34,668)
Balance at March 31, 2022	86,720	\$	867	\$ 1,783,938	\$	(181,282)	\$	(12,341)	\$	22,812	\$	1,613,994

# HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

# (DOLLARS IN THOUSANDS)

# (UNAUDITED)

	Three Months	Three Months Ended Marc			
	2023		2022		
Cash flows from operating activities					
Net income (loss)	\$ 24,598	\$	45,703		
Adjustments to reconcile net income (loss) to net cash provided by operating activities:					
Provision for loss on receivables	1,883	j,	621		
Depreciation and amortization	926	į	987		
Amortization of financing costs	3,250	)	2,716		
Equity-based compensation	7,898	}	3,540		
Equity method investments	(11,415	)	(38,564)		
Non-cash gain on securitization	(6,882	/	(4,532)		
(Gain) loss on sale of receivables and investments	1,305	,	29		
Changes in receivables held-for-sale	37,249	,	(43,482)		
Changes in accounts payable and accrued expenses	936	į.	11,709		
Change in accrued interest on receivables and investments	(12,231	)	(2,925)		
Other	1,287	1	(7,745)		
Net cash provided by (used in) operating activities	48,804	+	(31,943)		
Cash flows from investing activities					
Equity method investments	(362,831	.)	(78,717		
Equity method investment distributions received	1,469	)	4,217		
Proceeds from sales of equity method investments	_	-	1,700		
Purchases of and investments in receivables	(96,842	.)	(35,018		
Principal collections from receivables	22,741		19,850		
Proceeds from sales of receivables	7,634	ŀ	_		
Purchases of real estate	_	-	(4,550		
Posting of hedge collateral	(20,350	)	_		
Other	(548	)	(2,975		
Net cash provided by (used in) investing activities	(448,727	<u></u>	(95,493		
Cash flows from financing activities					
Proceeds from credit facilities	312,000	)			
Principal payments on credit facilities	(5,000	))	_		
Proceeds from issuance of commercial paper notes	100,000	/	25,000		
Principal payments on non-recourse debt	(5,140	))	(5,577		
Net proceeds of common stock issuances	23,256	/	50,011		
Payments of dividends and distributions	(35,142		(31,810		
Withholdings on employee share vesting	(1,317	Ó	(2,211		
Payment of financing costs			(3,421		
Other	(503	.)	(461		
Net cash provided by (used in) financing activities	388.154		31,531		
Increase (decrease) in cash, cash equivalents, and restricted cash	(11,769		(95,905		
Cash, cash equivalents, and restricted cash at beginning of period	175,972	/	251,073		
, , , , , , , , , , , , , , , , , , , ,	\$ 164,203		155,168		
Cash, cash equivalents, and restricted cash at end of period Interest paid	\$ 20,343		13,145		
Supplemental disclosure of non-cash activity					
Residual assets retained from securitization transactions	\$ 5,330	) \$	4,532		
Issuance of common stock from conversion of Convertible Notes		-	7,674		
Deconsolidation of non-recourse debt	32.923	j			
Deconsolidation of assets pledged for non-recourse debt	31,371				

# HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC. NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

March 31, 2023

#### 1. The Company

Hannon Armstrong Sustainable Infrastructure Capital, Inc. (the "Company") actively partners with clients to deploy real assets that facilitate the energy transition. Our investments take many forms, including equity, joint ventures, land ownership, lending, and other financing transactions. We also generate on-going fees through off-balance sheet securitization transactions, advisory services and asset management.

The Company and its subsidiaries are hereafter referred to as "we," "us" or "our." Our investments take various forms, including equity, joint ventures, real estate ownership, or lending or other financing transactions, and typically benefit from contractually committed high credit quality obligors. We refer to the income producing assets that we hold on our balance sheet as our "Portfolio." Our Portfolio includes:

- equity investments in either preferred or common structures in unconsolidated entities;
- · commercial and government receivables;
- · real estate: and
- investments in debt securities.

We finance our business through cash on hand, non-recourse debt, recourse debt, convertible securities, or equity and may also decide to finance such transactions through the use of off-balance sheet securitization structures. We also generate fee income through securitizations and syndications, by providing broker/dealer services and by managing and servicing assets owned by third parties.

Our common stock is listed on the New York Stock Exchange ("NYSE") under the symbol "HASI." We have qualified as a real estate investment trust ("REIT") and also intend to continue to operate our business in a manner that will maintain our exemption from registration as an investment company under the Investment Company Act of 1940 (the "1940 Act"), as amended. We operate our business through, and serve as the sole general partner of, our operating partnership subsidiary, Hannon Armstrong Sustainable Infrastructure, L.P., (the "Operating Partnership"), which was formed to acquire and directly or indirectly own our assets.

#### 2. Summary of Significant Accounting Policies

#### Basis of Presentation

The preparation of financial statements in accordance with U.S. generally accepted accounting principles ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from these estimates and such differences could be material. These financial statements have been prepared in accordance with the instructions to Form 10-Q and should be read in conjunction with the consolidated financial statements and notes thereto included in our annual report on Form 10-K for the year ended December 31, 2022, as filed with the SEC. In the opinion of management, all adjustments necessary to present fairly our financial position, results of operations and cash flows have been included. Our results of operations for the three- month periods ended March 31, 2023 and 2022, are not necessarily indicative of the results to be expected for the full year or any other future period. Certain information and footnote disclosures normally included in our annual consolidated financial statements have been condensed or omitted. Certain amounts in the prior years have been reclassified to conform to the current year presentation.

The consolidated financial statements include our accounts and controlled subsidiaries, including the Operating Partnership. All material intercompany transactions and balances have been eliminated in consolidation.

Following the guidance for non-controlling interests in Financial Accounting Standards Board Accounting Standards Codification ("ASC") 810, Consolidation ("ASC 810"), references in this report to our earnings per share and our net income and stockholders' equity attributable to common stockholders do not include amounts attributable to non-controlling interests.

#### Consolidation

We account for our investments in entities that are considered voting interest entities or variable interest entities ("VIEs") under ASC 810 and assess on an ongoing basis whether we should consolidate these entities. We have established various special purpose entities or securitization trusts for the purpose of securitizing certain assets that are not consolidated in our financial statements as described below in Securitization of Financial Assets.

Since we have assessed that we have power over and receive the benefits from those special purpose entities that are formed for the purpose of holding our assets on our balance sheet, we have concluded we are the primary beneficiary and should consolidate these entities under the provisions of ASC 810. We also have certain subsidiaries we deem to be voting interest entities that we control through our ownership of voting interests and accordingly consolidate.

Certain of our equity method investments were determined to be interests in VIEs in which we are not the primary beneficiary, as we do not direct the significant activities of these entities, and thus we account for those investments as Equity Method Investments as discussed below. Our maximum exposure to loss through these investments is typically limited to their recorded values. However, we may provide financial commitments to these VIEs or guarantees of certain of their obligations. Certain other entities in which we have equity investments have been assessed to be voting interest entities and are not consolidated as we exert significant influence rather than control through our ownership of voting interests, and accordingly we account for them as equity method investments described below.

#### **Equity Method Investments**

We have made equity investments in various climate solutions projects, typically in structures where we have a preferred return position. These investments are typically owned in holding companies (using limited liability companies ("LLCs") taxed as partnerships) where we partner with either the operator of the project or other institutional investors. We share in the cash flows, income and tax attributes according to a negotiated schedule that typically does not correspond with our ownership percentages. Investors, if any, in a preferred return position typically receive a priority distribution of all or a portion of the project's cash flows, and in some cases, tax attributes. Once the preferred return, if applicable, is achieved, the partnership "flips" and common equity investors, often the operator of the project, receive a larger portion of the cash flows, with the previously preferred investors retaining an on-going residual interest.

Our equity investments in climate solutions projects are accounted for under the equity method of accounting. Under the equity method of accounting, the carrying value of these equity method investments is determined based on amounts we invested, adjusted for the equity in earnings or losses of the investee allocated based on the LLC agreement, less distributions received. For the LLC agreements that contain preferences with regard to cash flows from operations, capital events and liquidation, we reflect our share of profits and losses by determining the difference between our claim on the investee's reported book value at the beginning and the end of the period, which is adjusted for distributions received and contributions made. This claim is calculated as the amount we would receive if the investee were to liquidate all of its assets at the recorded amounts determined in accordance with GAAP and distribute the resulting cash to creditors and investors in accordance with their respective priorities. This method is referred to as the hypothetical liquidation at book value method ("HLBV"). Our exposure to loss in these investments is limited to the amount of our equity investment, as well as receivables from or guarantees made to the same investee.

Any difference between the amount of our investment and the amount of underlying equity in net assets at the time of our investment is generally amortized over the life of the assets and liabilities to which the difference relates. Cash distributions received from each equity method investment are classified as operating activities to the extent of cumulative earnings for each investment in our consolidated statements of cash flows. Our initial investment and additional cash distributions beyond the amounts that are classified as operating activities are classified as investing activities in our consolidated statements of cash flows. We typically recognize earnings one quarter in arrears for certain of these investments to allow for the receipt of financial information.

We evaluate on a quarterly basis whether the current carrying value of our investments accounted for using the equity method have an other than temporary impairment ("OTTI"). An OTTI occurs when the estimated fair value of an investment is below the carrying value and the difference is determined to not be recoverable in the near term. First, we consider both qualitative and quantitative evidence whether there may be indicators of a loss in investment value below carrying value. After considering the weight of available evidence, if it is determined that there is an indication of loss in investment value, we will perform a fair value analysis. If the resulting fair value is less than the carrying value, we will determine if this loss in value is OTTI, and we will recognize any OTTI in the income statement as an impairment. This evaluation requires significant judgment regarding, but not limited to, the severity and duration of the impairment; the ability and intent to hold the securities until recovery; financial condition, liquidity, and near-term prospects of the issuer; specific events; and other factors.

#### Commercial and Government Receivables

Commercial and government receivables ("receivables") include project loans and receivables. These receivables are separately presented in our balance sheet to illustrate the differing nature of the credit risk related to these assets. Unless otherwise noted, we generally have the ability and intent to hold our receivables for the foreseeable future and thus they are classified as held for investment. Our ability and intent to hold certain receivables may change from time to time depending on a number of factors including economic, liquidity and capital market conditions. At inception of the arrangement, the carrying value of receivables held for investment represents the present value of the note, lease or other payments, net of any unearned fee income, which is recognized as income over the term of the note or lease using the effective interest method. Receivables that are held for investment are carried at amortized cost, net of any unamortized acquisition premiums or discounts and include origination and acquisition costs, as applicable. Our initial investment and principal repayments of these receivables are classified as investing activities and the interest collected is classified as operating activities in our consolidated statements of cash flows. Receivables that we intend to sell in the short-term are classified as held-for-sale and are carried at the lower of amortized cost or fair value on our balance sheet, which is assessed on an individual asset basis. The purchases and proceeds from receivables that we intend to sell at origination are classified as operating activities in our consolidated statements of cash flows. Interest collected is classified as an operating activity in our consolidated statements of cash flows. Receivables from certain projects are subordinate to preferred investors in a project who are allocated the majority of such project's cash in the early years of the investment. According, such receivables may include the ability to defer scheduled interest payments in exchange for

We evaluate our receivables for an allowance as determined under ASC Topic 326Financial Instruments- Credit Losses ("Topic 326") and for our internally derived asset performance categories included in Note 6 to our financial statements in this Form 10-Q on at least a quarterly basis and more frequently when economic or other conditions warrant such an evaluation. When a receivable becomes 90 days or more past due, and if we otherwise do not expect the debtor to be able to service all of its debt or other obligations, we will generally consider the receivable delinquent or impaired and place the receivable on non-accrual status and cease recognizing income from that receivable until the borrower has demonstrated the ability and intent to pay contractual amounts due. If a receivable's status significantly improves regarding the debtor's ability to service the debt or other obligations, we will remove it from non-accrual status.

We determine our allowance based on the current expectation of credit losses over the contractual life of our receivables as required by Topic 326. We use a variety of methods in developing our allowance, including discounted cash flow analysis and probability-of-default/loss given default ("PD/LGD") methods. In developing our estimates, we consider our historical experience with our and similar assets in addition to our view of both current conditions and what we expect to occur within a period of time for which we can develop reasonable and supportable forecasts, typically two years. For periods following the reasonable and supportable forecast period, we revert to historical information when developing assumptions used in our estimates. In developing our forecasts, we consider a number of qualitative and quantitative factors in our assessment, which may include a project's operating results, loan-to-value ratio, any cash reserves, the ability of expected cash from operations to cover the cash flow requirements currently and into the future, key terms of the transaction, the ability of the borrower to refinance the transaction, other credit support from the sponsor or guarantor and the project's collateral value. In addition, we consider the overall economic environment, the climate solutions sector, the effect of local, industry, and broader economic factors, such as unemployment rates and power prices, the impact of any variation in weather and the historical and anticipated trends in interest rates, defaults and loss severities for similar transactions. For those assets where we record our allowance using a discounted cash flow method, we have elected to record the change in allowance due solely to the passage of time through the provision for loss on receivables in our income statement. For assets where the obligor is a publicly rated entity, we consider the published historical performance of entities with similar ratings in developing our estimate of an allowance, making adjustments determined by management to be appropriate during the reasonable and supportable forecast period. We have made certain loan commitments that are within the scope of Topic 326. When estimating an allowance for these loan commitments we consider the probability of certain amounts to be funded and apply either a discounted cash flow or PD/LGD methodology as described above. We charge off receivables against the allowance, if any, when we determine the unpaid principal balance is uncollectible, net of recovered amounts. Any provision we record for an allowance is a non-cash reconciling item to cash from operating activities in our consolidated statements of cash flows.

### Real Estate

Real estate consists of land or other real property and its related lease intangibles, net of any amortization. Our real estate is generally leased to tenants on a triple net lease basis, whereby the tenant is responsible for all operating expenses relating to the property, generally including property taxes, insurance, maintenance, repairs and capital expenditures. Certain real estate

transactions may be characterized as "failed sale-leaseback" transactions as defined under ASC Topic 842, Leases, and thus are accounted for similarly to our commercial receivables as described above in Government and Commercial Receivables.

For our real estate lease transactions that are classified as operating leases, the scheduled rental revenue typically varies during the lease term and thus rental income is recognized on a straight-line basis, unless there is considerable risk as to collectability, so as to produce a constant periodic rent over the term of the lease. Accrued rental income is the aggregate difference between the scheduled rents that vary during the lease term and the income recognized on a straight-line basis and is recorded in other assets. Expenses, if any, related to the ongoing operation of leases where we are the lessor, are charged to operations as incurred. Our initial investment is classified as investing activities and income collected for rental income is classified as operating activities in our consolidated statements of cash flows.

When our real estate transactions are treated as an asset acquisition with an operating lease, we typically record our real estate purchases at cost, including acquisition and closing costs, which is allocated to each tangible and intangible asset acquired on a relative fair value basis.

The fair value of the tangible assets of an acquired leased property is determined by valuing the property as if it were vacant, and the "as-if-vacant" value is then allocated to land, building and tenant improvements, if any, based on the determination of the fair values of these assets. The as-if-vacant fair value of a property is typically determined by management based on appraisals by a qualified appraiser. In determining the fair value of the identified intangibles of an acquired property, above-market and below-market in-place lease values are valued based on the present value (using an interest rate that reflects the risks associated with the leases acquired) of the difference between (i) the contractual amounts to be paid pursuant to the in-place leases, and (ii) management's estimate of fair market lease rates for the corresponding in-place leases, measured over a period equal to the remaining term of the lease, including renewal periods reasonably certain of being exercised by the lessee.

The capitalized off-market lease values are amortized as an adjustment of rental income over the term used to value the intangible. We also record, as appropriate, an intangible asset for in-place leases. The value of the leases in place at the time of the transaction is equal to the potential income lost if the leases were not in place. The amortization of this intangible occurs over the initial term unless management believes that it is reasonably certain that the tenant would exercise the renewal option, in which case the amortization would extend through the renewal period. If a lease were to be terminated, all unamortized amounts relating to that lease would be written off.

#### Investments

Investments are debt securities that meet the criteria of ASC 320, Investments-Debt and Equity Securities. We have designated our debt securities as available-for-sale and carry these securities at fair value on our balance sheet. Unrealized gains and losses, to the extent not considered to be credit related, on available-for-sale debt securities are recorded as a component of accumulated other comprehensive income ("AOCI") in equity on our balance sheet. When a security is sold, we reclassify the AOCI to earnings based on specific identification. Our initial investment and principal repayments of these investments are classified as investing activities and the interest collected is classified as operating activities in our consolidated statements of cash flows.

We evaluate our investments for impairment on at least a quarterly basis, and more frequently when economic or market conditions warrant such an evaluation. Our impairment assessment is a subjective process requiring the use of judgments and assumptions. Accordingly, we regularly evaluate the extent and impact of any credit deterioration associated with the financial and operating performance and value of the underlying project. We consider several qualitative and quantitative factors in our assessment. The primary factor in our assessment is the current fair value of the security, while other factors include changes in the credit rating, performance of the underlying project, key terms of the transaction, the value of any collateral and any support provided by the sponsor or guarantor.

To the extent that we have identified an impairment for a security, intend to hold the investment to maturity, and do not expect that we will be required to sell the security prior to recovery of the amortized cost basis, we will recognize only the credit component of the unrealized loss in earnings by recording an allowance against the amortized cost of the asset as required by Topic 326. We determine the credit component using the difference between the security's amortized cost basis and the present value of its expected future cash flows, discounted using the effective interest method or its estimated collateral value. Any remaining unrealized loss due to factors other than credit is recorded in AOCI

To the extent we hold investments with a fair value less than the amortized cost and we have made the decision to sell the security or it is more likely than not that we will be required to sell the security prior to recovery of its amortized cost basis, we recognize the entire portion of the impairment in earnings.

Premiums or discounts on investment securities are amortized or accreted into interest income using the effective interest method.

#### Securitization of Financial Assets

We have established various special purpose entities or securitization trusts for the purpose of securitizing certain financial assets. We determined that the trusts used in securitizations are VIEs, as defined in ASC 810. When we conclude that we are not the primary beneficiary of certain trusts because we do not have power over those trusts' significant activities, we do not consolidate the trust. We typically serve as primary or master servicer of these trusts; however, as the servicer, we do not have the power to make significant decisions impacting the performance of the trusts.

We account for transfers of financial assets to these securitization trusts as sales pursuant to ASC 860, Transfers and Servicing ("ASC 860"), when we have concluded the transferred assets have been isolated from the transferor (i.e., put presumptively beyond the reach of the transferor and its creditors, even in bankruptcy or other receivership) and we have surrendered control over the transferred assets. When we are unable to conclude that we have been sufficiently isolated from the securitized financial assets, we treat such trusts as secured borrowings, retaining the assets on our balance sheet and recording the amounts due to the trust investor as non-recourse debt.

For transfers treated as sales under ASC 860, we have received true-sale-at-law and non-consolidation legal opinions for all of our securitization trust structures to support our conclusion regarding the transferred financial assets. When we sell financial assets in securitizations, we generally retain interests in the form of servicing rights and residual assets, which we refer to as securitization assets.

Gain or loss on the sale of financial assets is calculated based on the excess of the proceeds received from the securitization (less any transaction costs) plus any retained interests obtained over the cost basis of the assets sold. For retained interests, we generally estimate fair value based on the present value of future expected cash flows using our best estimates of the key assumptions of anticipated losses, prepayment rates, and current market discount rates commensurate with the risks involved. Cash flows related to our securitizations at origination are classified as operating activities in our consolidated statements of cash flows.

We initially account for all separately recognized servicing assets and servicing liabilities at fair value and subsequently measure such servicing assets and liabilities using the amortization method. Servicing assets and liabilities are amortized in proportion to, and over the period of, estimated net servicing income with servicing income recognized as earned. We assess servicing assets for impairment at each reporting date. If the amortized cost of servicing assets is greater than the estimated fair value, we will recognize an impairment in net income.

Our other retained interest in securitized assets, the residual assets, are accounted for similar to available-for-sale debt securities and carried at fair value, with changes in fair value recorded in AOCI. Income related to the residual assets is recognized using the effective interest rate method and included in securitization income in our income statement. Our residual assets are evaluated for impairment on a quarterly basis under Topic 326. A residual asset is impaired if its fair value is less than its carrying value. The credit component of impairments, if any, are recognized by recording an allowance against the amortized cost of the asset. For changes in expected cash flows, we will calculate a new yield based on the current amortized cost of the residual assets and the revised expected cash flows. This yield is used prospectively to recognize our income related to these assets.

#### Cash and Cash Equivalents

Cash and cash equivalents include short-term government securities, certificates of deposit and money market funds, all of which had an original maturity of three months or less at the date of purchase. These securities are carried at their purchase price, which approximates fair value.

#### Restricted Cash

Restricted cash includes cash and cash equivalents set aside with certain lenders primarily to support obligations outstanding as of the balance sheet dates. Restricted cash is reported as part of other assets in our consolidated balance sheets. Refer to Note 3 to our financial statements in this Form 10-Q for disclosure of the balances of restricted cash included in other assets.

#### Convertible Notes

We have issued convertible and exchangeable senior notes (together, "Convertible Notes") that are accounted for in accordance with ASC 470-20*pebt with Conversion and Other Options*, and ASC 815, *Derivatives and Hedging* ("ASC 815"). Under ASC 815, issuers of certain convertible or exchangeable debt instruments are generally required to separately account for the conversion or exchange option of the debt instrument as either a derivative or equity, unless it meets the scope exemption for contracts indexed to, and settled in, an issuer's own equity. Since our conversion and exchange options are both indexed to our equity and can only be settled in our common stock, we have met the scope exemption, and therefore, we are not separately accounting for the embedded conversion or exchange options. The initial issuance and any principal repayments are

classified as financing activities and interest payments are classified as operating activities in our consolidated statements of cash flows. If converted or exchanged, the carrying value of each Convertible Note is reclassified into stockholders' equity.

#### Derivative Financial Instruments

We use derivative financial instruments, primarily interest rate swaps, to manage, or hedge, our interest rate risk exposures associated with new debt issuances and anticipated refinancings of existing debt, to manage our exposure to fluctuations in interest rates on floating-rate debt, and to optimize the mix of our fixed and floating-rate debt. Our objective is to reduce the impact of changes in interest rates on our results of operations and cash flows. The fair values of our interest rate swaps designated and qualifying as effective cash flow hedges are reflected in our consolidated balance sheets as a component of other assets (if in an unrealized asset position) or accounts payable, accrued expenses and other (if in an unrealized liability position) and in net unrealized gains and losses in AOCI. The cash settlements of our interest rate swaps, if any, are classified as operating activities in our consolidated statements of cash flows.

The interest rate swaps we use are intended to be designated as cash flow hedges and are considered highly effective in reducing our exposure to the interest rate risk that they are designated to hedge. This effectiveness is required in order to qualify for hedge accounting. Instruments that meet the required hedging criteria are formally designated as hedging instruments at the inception of the derivative contract. Derivatives are recorded at fair value. If a derivative is designated as a cash flow hedge and meets the highly effective threshold, the change in the fair value of the derivative is recorded in AOCI, net of associated deferred income tax effects and is recognized in earnings at the same time as the hedged item. For any derivative instruments not designated as hedging instruments, changes in fair value would be recognized in earnings in the period that the change occurs. We assess, both at the inception of the hedge and on an ongoing basis, whether the derivatives designated as cash flow hedges are highly effective in offsetting the changes in cash flows of the hedged items. We do not hold derivatives for trading purposes. Any collateral posted or received as credit support against derivative positions are netted against those derivatives in our balance sheets.

Interest rate swap contracts contain a credit risk that counterparties may be unable to fulfill the terms of the agreement. We attempt to minimize that risk by evaluating the creditworthiness of our counterparties, who are limited to major banks and financial institutions, and do not anticipate nonperformance by the counterparties.

#### Income Taxes

We elected and qualified to be taxed as a REIT for U.S. federal income tax purposes, commencing with our taxable year ended December 31, 2013. We also have taxable REIT subsidiaries ("TRS") that are taxed separately, and that will generally be subject to U.S. federal, state and local income taxes as well as taxes of foreign jurisdictions, if any. To qualify as a REIT, we must meet on an ongoing basis several organizational and operational requirements, including a requirement that we currently distribute at least 90% of our REIT's net taxable income before dividends paid, excluding capital gains, to our stockholders. As a REIT, we are not subject to U.S. federal corporate income tax on that portion of net income that is currently distributed to our owners.

We account for income taxes under ASC 740, *Income Taxes* ("ASC 740") for our TRS using the asset and liability method. Deferred tax assets and liabilities are recognized for the estimated future tax consequences attributable to the differences between the consolidated financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using enacted tax rates in effect for the year in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities from a change in tax rates is recognized in earnings in the period when the new rate is enacted. We evaluate any deferred tax assets for valuation allowances based on an assessment of available evidence including sources of taxable income, prior years taxable income, any existing taxable temporary differences and our future investment and business plans that may give rise to taxable income. We treat any tax credits we receive from our equity investments in renewable energy projects as reductions of federal income taxes of the year in which the credit arises. Any deferred tax impacts resulting from transfers of assets to or from our TRS are recorded as an adjustment to additional paid-in capital, as it is a transfer amongst entities under common control.

We apply ASC 740 with respect to how uncertain tax positions should be recognized, measured, presented, and disclosed in the financial statements. This guidance requires the accounting and disclosure of tax positions taken or expected to be taken in the course of preparing our tax returns to determine whether the tax positions are "more likely than not" to be sustained by the applicable tax authority. We are required to analyze all open tax years, as defined by the statute of limitations, for all major jurisdictions, which includes U.S. federal and certain states.

### **Equity-Based Compensation**

In 2013, we adopted the 2013 Hannon Armstrong Sustainable Infrastructure Capital, Inc. Equity Incentive Plan, which provides for grants of stock options, stock appreciation rights, restricted stock units, shares of restricted common stock, phantom shares, dividend equivalent rights, long-term incentive-plan units ("LTIP Units") and other restricted limited partnership units issued by our Operating Partnership and other equity-based awards. In 2022, our board of directors approved

the 2022 Hannon Armstrong Sustainable Infrastructure Capital, Inc. Equity Incentive Plan ("the 2022 Plan"), which was subsequently approved by shareholders at our 2022 annual meeting of stockholders, for the purpose of continuing to provide equity-based incentive compensation to members of our senior management team, our independent directors, employees, advisers, consultants and other personnel. From time to time, we may grant equity or equity-based awards as compensation to our independent directors, employees, advisors, consultants and other personnel under the 2022 Plan. Certain awards earned under each plan are based on achieving various performance targets, which are generally earned between 0% and 200% of the initial target, depending on the extent to which the performance target is met. In addition to performance targets, income or gain must be allocated by our Operating Partnership to certain LTIP Units issued by our Operating Partnership so that the capital accounts of such units are equalized with the capital accounts of other holders of OP units before parity is reached and LTIP Units can be converted to limited partnership units.

We record compensation expense for grants made in accordance with ASC 718, Compensation-Stock Compensation. We record compensation expense for unvested grants that vest solely based on service conditions on a straight-line basis over the vesting period of the entire award based upon the fair market value of the grant on the date of grant. Fair market value for restricted common stock is based on our share price on the date of grant. For awards where the vesting is contingent upon achievement of certain performance targets, compensation expense is measured based on the fair market value on the grant date and is recorded over the requisite service period (which includes the performance period). Actual performance results at the end of the performance period determines the number of shares that will ultimately be awarded. We have also issued awards where the vesting is contingent upon service being provided for a defined period and certain market conditions being met. The fair value of these awards, as measured at the grant date, is recognized over the requisite service period, even if the market conditions are not met. The grant date fair value of these awards was developed by an independent appraiser using a Monte Carlo simulation. Forfeitures of unvested awards are recognized as they occur.

We have a retirement policy that provides for full vesting at retirement of any time-based awards that were granted prior to the date of retirement and permits the vesting of performance-based awards that were granted prior to the date of retirement according to the original vesting schedule of the award, subject to the achievement of the applicable performance measures and without the requirement for continued employment. Employees are eligible for the retirement policy upon meeting age and years of service criteria. We record compensation expense for unvested grants through the date in which an employee meets the retirement criteria.

## Earnings Per Share

We compute earnings per share of common stock in accordance with ASC 260, Earnings Per Share. Basic earnings per share is calculated by dividing net income attributable to controlling stockholders (after consideration of the earnings allocated to unvested grants, if applicable) by the weighted-average number of shares of common stock outstanding during the period excluding the weighted average number of unvested grants, if applicable ("participating securities" as defined in Note 12 to our financial statements in this Form 10-Q). Diluted earnings per share is calculated by dividing net income attributable to controlling stockholders (after consideration of the earnings allocated to unvested grants, if applicable) by the weighted-average number of shares of common stock outstanding during the period plus other potential common stock instruments if they are dilutive. Other potentially dilutive common stock instruments include our unvested restricted stock, other equity-based awards, and Convertible Notes. The restricted stock and other equity-based awards are included if they are dilutive using the treasury stock method. The treasury stock method assumes that theoretical proceeds received for future service provided is used to purchase shares of treasury stock at the average market price per share of common stock, which is deducted from the total shares of potential common stock included in the calculation. When unvested grants are dilutive, the earnings allocated to these dilutive unvested grants are not deducted from the net income attributable to controlling stockholders when calculating diluted earnings per share. The Convertible Notes are included if they are dilutive using the if-converted method, which removes interest expense related to the Convertible Notes from the net income attributable to controlling stockholders and includes the weighted average shares of potential common stock over the period issuable upon conversion or exchange of the note. No adjustment is made for shares of potential common stoc

### Segment Reporting

We manage our business as a single portfolio, and accordingly report all of our activities asone business segment.

# Recently Issued Accounting Pronouncements

Accounting standards updates issued before May 5, 2023, and effective after March 31, 2023, are not expected to have a material effect on our consolidated financial statements and related disclosures.

#### 3. Fair Value Measurements

Fair value is defined as the price that would be received for an asset or paid to transfer a liability in an orderly transaction between market participants on the measurement date. The fair value accounting guidance provides a three-level hierarchy for classifying financial instruments. The levels of inputs used to determine the fair value of our financial assets and liabilities carried on the balance sheet at fair value and for those which only disclosure of fair value is required are characterized in accordance with the fair value hierarchy established by ASC 820, Fair Value Measurements. Where inputs for a financial asset or liability fall in more than one level in the fair value hierarchy, the financial asset or liability is classified in its entirety based on the lowest level input that is significant to the fair value measurement of that financial asset or liability. We use our judgment and consider factors specific to the financial assets and liabilities in determining the significance of an input to the fair value measurements. As of March 31, 2023 and December 31, 2022, only our residual assets related to our securitization trusts, our derivatives, and our investments were carried at fair value on the consolidated balance sheets on a recurring basis. The three levels of the fair value hierarchy are described below:

- Level 1 Quoted prices (unadjusted) in active markets that are accessible at the measurement date.
- · Level 2 Observable prices that are based on inputs not quoted on active markets but corroborated by market data.
- Level 3 Unobservable inputs are used when little or no market data is available.

The tables below illustrate the estimated fair value of our financial instruments on our balance sheet. Unless otherwise discussed below, fair values for our Level 2 and Level 3 measurements are measured using a discounted cash flow model, contractual terms and inputs which consist of base interest rates and spreads over base rates which are based upon market observation and recent comparable transactions. An increase in these inputs would result in a lower fair value and a decline would result in a higher fair value. Our senior unsecured notes and Convertible Notes are valued using a market based approach and observable prices. The receivables held-for-sale, if any, are carried at the lower of cost or fair value.

	As of March 31, 2023						
	Fa	ir Value	Carrying Value	Level			
		(in m	illions)				
Assets							
Commercial receivables	\$	1,944	\$	1,963	Level 3		
Government receivables		93		98	Level 3		
Receivables held-for-sale		20		17	Level 3		
Investments (1)		10		10	Level 3		
Securitization residual assets (2)		193		193	Level 3		
Liabilities (3)							
Credit facilities	\$	359	\$	359	Level 3		
Commercial paper notes		100		100	Level 3		
Term loan facility		384		384	Level 3		
Non-recourse debt		373		404	Level 3		
Senior unsecured notes		1,572		1,795	Level 2		
Convertible Notes:							
2023 Convertible Senior Notes		139		144	Level 2		
2025 Exchangeable Senior Notes		190		206	Level 2		
Total Convertible Notes	<u> </u>	329		350			
Derivative liabilities		32		32	Level 2		

- (1) The amortized cost of our investments as of March 31, 2023, was \$ 12 million.
- (2) Included in securitization assets on the consolidated balance sheet. The amortized cost of our securitization residual assets as of March 31, 2023 was \$ 231 million.
- (3) Fair value and carrying value exclude unamortized financing costs.

		As of December 31, 2022					
	Fair Value		Carrying Value	Level			
		(in mil	lions)				
Assets							
Commercial receivables	\$	1,859	\$ 1,887	Level 3			
Government receivables		96	103	Level 3			
Receivables held-for-sale		92	85	Level 3			
Investments (1)		10	10	Level 3			
Securitization residual assets (2)		177	177	Level 3			
Liabilities (3)							
Credit facilities	\$	51	\$ 51	Level 3			
Commercial paper notes		_	_	Level 3			
Term loan facility		384	384	Level 3			
Non-recourse debt		402	442	Level 3			
Senior unsecured notes		1,546	1,784	Level 2			
Convertible Notes:							
2022 Convertible Senior Notes		137	143	Level 2			
2023 Convertible Senior Notes		185	206	Level 2			
Total Convertible Notes		322	349				

- (1) The amortized cost of our investments as of December 31, 2022, was \$ 12 million.
- (2) Included in securitization assets on the consolidated balance sheet. The amortized cost of our securitization residual assets as of December 31, 2022 was \$ 224 million.
- (3) Fair value and carrying value exclude unamortized financing costs.

#### Investments

The following table reconciles the beginning and ending balances for our Level 3 investments that are carried at fair value on a recurring basis:

	For the three	e months er	nded March
	2023		2022
Balance, beginning of period	\$	10 \$	18
Unrealized gains (losses) on investments recorded in OCI		_	(2)
Balance, end of period	\$	10 \$	16

The following table illustrates our investments in an unrealized loss position:

		Estimated Fair Value				Unrealize	d Losses	(1)	Count of Securities			
	Securities with a loss shorter than 12 Securities with a loss months longer than 12 months			rities with a loss r than 12 months		rities with a loss than 12 months	Securities with a loss shorter than 12 months	Securities with a loss longer than 12 months				
				(in n	illions)							
March 31, 2023	\$	2	\$	8	\$	0.4	\$	1.3	2	3		
December 31, 2022		4		6		0.7		1.2	4	1		

(1) Loss position is due to interest rates movements and is not indicative of credit deterioration. We have the intent and ability to hold these investments until a recovery of fair value.

In determining the fair value of our investments we used a risk-free rate and added a range of interest rate spreads based upon recent transactions involving similar assets of approximately 1% to 4% as of March 31, 2023, and 1% to 4% as of December 31, 2022. The weighted average discount rates used to determine the fair value of our investments as of March 31, 2023 and December 31, 2022 were 6.2% and 6.5%, respectively.

#### Securitization residual assets

The following table reconciles the beginning and ending balances for our Level 3 securitization residual assets that are carried at fair value on a recurring basis, with changes in fair value recorded through AOCI:

	For	For the three months endo March 31,			
		2023	2	2022	
		(in m	illions)		
Balance, beginning of period	\$	177	\$	210	
Accretion of securitization residual assets		3		2	
Additions to securitization residual assets		5		5	
Collections of securitization residual assets		(1)		(3)	
Unrealized gains (losses) on securitization residual assets recorded in OCI		9		(22)	
Balance, end of period	\$	193	\$	192	

The following table illustrates our securitization residual assets in an unrealized loss position:

		Estimat	ed Fair Value			Unrealiz	ed Losses (1)		Count	of Securities
	Securi loss shorter mont		Securit loss longer montl		loss shorter than 12 loss longer than 12 loss shorter		Securities with a loss shorter than 12 months	Securities with a loss longer than 12 months		
				(in	millions)					
March 31, 2023	\$	71	\$	99	\$	11	\$	30	40	30
December 31, 2022		118		51		27		22	66	12

1) Loss position is due to interest rates movements and is not indicative of credit deterioration. We have the intent and ability to hold these investments until a recovery of fair value.

In determining the fair value of our securitization residual assets, we used a market-based risk-free rate and added a range of interest rate spreads, determined based upon recent transactions involving similar assets, of approximately 1% to 6% based upon transactions involving similar assets as of March 31, 2023 and December 31, 2022. The weighted average discount rates used to determine the fair value of our securitization residual assets as of March 31, 2023 and December 31, 2022 were 6.3% and 6.8%, respectively. The difference between fair value and amortized cost is due to interest rate movements, and no securitization residual assets have been in a material loss position for more than 12 months. The unrealized losses are due to interest rate movements, and we have the intent and ability to hold these assets until a recovery of fair value.

#### Non-recurring Fair Value Measurements

Our financial statements may include non-recurring fair value measurements related to acquisitions and non-monetary transactions, if any. Assets acquired in a business combination, if any, are recorded at their fair value. We may use third-party valuation firms to assist us with developing our estimates of fair value.

#### Concentration of Credit Risk

Commercial and government receivables, real estate leases and debt investments consist primarily of receivables from various projects, U.S. federal government-backed receivables, and investment grade state and local government receivables and do not, in our view, represent a significant concentration of credit risk given the large number of diverse offtakers and other obligors of the projects. Additionally, certain of our investments are collateralized by projects concentrated in certain geographic regions throughout the United States. These investments typically have structural credit protections to mitigate our risk exposure and, in most cases, the projects are insured for estimated physical loss, which helps to mitigate the possible risk from these concentrations.

We had cash deposits that are subject to credit risk as shown below:

	 March 31, 2023	December 31, 2022			
	 (in millions)				
Cash deposits	\$ 142	\$ 156			
Restricted cash deposits (included in other assets)	22	20			
Total cash deposits	\$ 164	\$ 176			
Amount of cash deposits in excess of amounts federally insured	\$ 153	\$ 174			

#### 4. Non-Controlling Interest

Units of limited partnership interests in the Operating Partnership ("OP units") that are owned by limited partners other than us are included in non-controlling interest on our consolidated balance sheets. The non-controlling interest holders are generally allocated their pro rata share of income, other comprehensive income and equity transactions.

The outstanding OP units not held by us represent approximately 1% of our outstanding OP units and are redeemable by the limited partners for cash, or at our option, for a like number of shares of our common stock. No OP units were redeemed by non-controlling interest holders during the three months ended March 31, 2023 or March 31, 2022.

We have also granted to members of our leadership team and directors LTIP Units pursuant to our equity incentive plans. LTIP Units issued to employees are held by HASI Management HoldCo LLC. The LTIP Units are designed to qualify as profits interests in the Operating Partnership and initially will have a capital account balance of zero and, therefore, will not have full parity with OP units with respect to liquidating distributions or other rights. However, the amended and restated agreement of limited partnership of the Operating Partnership (the "OP Agreement") provides that "book gains," or economic appreciation, in the Operating Partnership will be allocated first to the LTIP Units until the capital account per LTIP Units is equal to the capital account per-unit of the OP units. Under the terms of the OP Agreement, the Operating Partnership will revalue its assets upon the occurrence of certain specified events, and any increase in valuation from the time of grant until such event will be allocated first to the holders of LTIP Units to equalize the capital accounts of such holders with the capital accounts of OP unit holders. Once this has occurred, the LTIP Units will achieve full parity with the OP units for all purposes, including with respect to liquidating distributions and redemption rights. In addition to these attributes, there are vesting and settlement conditions similar to our other equity-based awards as discussed in Notes 2 and 11 to our financial statements in this Form 10-Q.

#### 5. Securitization of Financial Assets

The following summarizes certain transactions with securitization trusts:

As of an	of and for the three months ended Marc		
	2023	2022	
	(in millions)		
\$	16 \$	17	
	263	175	
	279	192	
	193	192	
	1	3	
		\$\frac{\left(in millions)}{\left(in millions)}\$\\$ 16 \$\\$ 263 \$\\ 279\$	

In connection with securitization transactions, we typically retain servicing responsibilities and residual assets. We generally receive annual servicing fees that are typically up to 0.25% of the outstanding balance. We may periodically make servicer advances that are subject to credit risk. Included in securitization assets in our consolidated balance sheets are our servicing assets at amortized cost and our residual assets at fair value. Our residual assets are subordinate to investors' interests, and their values are subject to credit, prepayment and interest rate risks on the transferred financial assets. Other than our securitization assets representing these residual interests in the trusts' assets, the investors and the securitization trusts have no recourse to our other assets for failure of debtors to pay when due. In computing gains and losses on securitizations, we use discount rates based on a review of comparable market transactions including Level 3 unobservable inputs, which consist of base interest rates and spreads over these base rates. Depending on the nature of the transaction risks, the all-in discount rate ranged from 5% to 10% for the three months ended March 31, 2023.

As of March 31, 2023 and December 31, 2022, our managed assets totaled \$0.4 billion and \$9.8 billion, respectively, of which \$5.7 billion and \$5.5 billion, respectively, were securitized assets held in unconsolidated securitization trusts. There were

no securitization credit losses in the three months ended March 31, 2023 or March 31, 2022. As of March 31, 2023, there wereno material payments from debtors to the securitization trusts that were greater than 90 days past due.

Receivables from contracts for the installation of energy efficiency and other technologies are the source of cash flows of \$97\$ million of our securitization residual assets. These technologies are installed in facilities owned by, or operated for or by, federal, state or local government entities where the ultimate obligor for the receivable is a governmental entity. The contracts may have guarantees of energy savings from third-party service providers, which typically are entities rated investment grade by an independent rating agency. The remainder of our securitization residual assets are related to contracts where the underlying cash flows are secured by an interest in real estate which are typically senior in terms of repayment to other financings.

#### 6. Our Portfolio

As of March 31, 2023, our Portfolio included approximately \$4.7 billion of equity method investments, receivables, real estate and investments on our balance sheet. The equity method investments represent our non-controlling equity investments in renewable energy and energy efficiency projects and land. The receivables and investments are typically collateralized by contractually committed debt obligations of government entities or private high credit quality obligors and are often supported by additional forms of credit enhancement, including security interests and supplier guaranties. The real estate is typically land and related lease intangibles for long-term leases to wind and solar projects.

In developing and evaluating performance against our credit criteria, we consider a number of qualitative and quantitative criteria which may include a project's operating results, loan-to-value ratio, any cash reserves, the ability of expected cash from operations to cover the cash flow requirements currently and into the future, key terms of the transaction, the ability of the borrower to refinance the transaction, the financial and operating capability of the borrower, its sponsors or the obligor as well as any guarantors and the project's collateral value. In addition, we consider the overall economic environment, the climate solutions sector, the effect of local, industry and broader economic factors, the impact of any variation in weather and the historical and anticipated trends in interest rates, defaults and loss severities for similar transactions.

The following is an analysis of the Performance Ratings of our Portfolio as of March 31, 2023, which is assessed quarterly:

		Portfolio Performance							
		1	(1)		2 (2)		3 (3)		Total
		Government	C	ommercial	Commercial		Commercial		
Receivable vintage (4)					(dollars in million	s)			
2023	\$	_	\$	31	\$ —	\$	_	\$	31
2022		_		683	_		_		683
2021		_		285	_		_		285
2020		_		164	_		_		164
2019		_		461	_		2		463
2018		_		270	_		_		270
Prior to 2018		98		101	_		9		208
Total receivables	_	98		1,995			11		2,104
Less: Allowance for loss on receivables		_		(38)	_		(5)		(43)
Net receivables (5)	_	98		1,957			6		2,061
Receivables held-for-sale		_		17	_		_		17
Investments		2		8	_		_		10
Real estate		_		352	_		_		352
Equity method investments (6)		_		2,227	23		_		2,250
Total	\$	100	\$	4,561	\$ 23	\$	6	\$	4,690
Percent of Portfolio		2 %	,	97 %	1	%	— %	, n	100 %

- (1) This category includes our assets where based on our credit criteria and performance to date we believe that our risk of not receiving our invested capital remains low.
- (2) This category includes our assets where based on our credit criteria and performance to date we believe there is a moderate level of risk to not receiving some or all of our invested capital.
- (3) This category includes our assets where based on our credit criteria and performance to date, we believe there is substantial doubt regarding our ability to recover some or all of our invested capital. Loans in this category are placed on non-accrual status.
- (4) Receivable vintage refers to the period in which in which the relevant loan agreement is signed, and a given vintage may contain loan advances made in subsequent periods to the loan agreement.
- (5) Total reconciles to the total of the government receivables and commercial receivables lines of the consolidated balance sheets.
- (6) Some of the individual projects included in portfolios that make up our equity method investments have government off-takers. As they are part of large portfolios, they are not classified separately.

#### Receivables

As of March 31, 2023, our allowance for loan losses was \$43 million based on our expectation of credit losses over the lives of the receivables in our portfolio. During the three months ended March 31, 2023, we increased our reserve by approximately \$2 million due to new loans and loan commitments made during the period.

Below is a summary of the carrying value, loan funding commitments, and allowance by type of receivable or "Portfolio Segment", as defined by Topic 326, as of March 31, 2023 and December 31, 2022:

		March	31, 2023					Decemb	er 31, 2022		
	s Carrying lue	Loan Commit	Funding ments	Allo	wance		s Carrying lue	Loan Commit	Funding ments	Allo	owance
					(in m	illions)					
Commercial (1)	2,006		253		43		1,928		256		41
Government (2)	\$ 98	\$		\$	_	\$	103	\$		\$	_
Total	\$ 2,104	\$	253	\$	43	\$	2,031	\$	256	\$	41

(1) As of March 31, 2023, this category of assets includes \$ 1.2 billion of mezzanine loans made on a non-recourse basis to special purpose subsidiaries of residential solar companies which are secured by residential solar assets where we rely on certain limited indemnities, warranties, and other obligations of the residential solar companies or their other subsidiaries. This total also includes \$47 million of lease agreements where we hold legal title to the underlying real estate which are treated under GAAP as receivables since they were deemed to be failed sale/leaseback transactions as described in Note 2 to our financial statements in this Form 10-Q.

Risk characteristics of our commercial receivables include a project's operating risks, which include the impact of the overall economic environment, the climate solutions sector, the effect of local, industry, and broader economic factors, the impact of any variation in weather and trends in interest rates. We use assumptions related to these risks to estimate an allowance using a discounted cash flow analysis or the PD/LGD method as discussed in Note 2 to our financial statements in this Form 10-Q. All of our commercial receivables are included in Performance Rating 1 in the Portfolio Performance table above, except for the \$11 million of receivables we have placed on non-accrual status which are included in Performance Rating 3. For those assets in Performance Rating 1, the credit worthiness of the obligor combined with the various structural protections of our assets cause us to believe we have a low risk we will not receive our invested capital, however we recorded a \$38 million allowance on these \$2.0 billion in assets as a result of lower probability assumptions utilized in our allowance methodology.

(2) As of March 31, 2023, our government receivables include \$ 10 million of U.S. federal government transactions and \$ 88 million of transactions where the ultimate obligors are state or local governments.

Risk characteristics of our government receivables include the energy savings or the power output of the projects and the ability of the government obligor to generate revenue for debt service, via taxation or other means. Transactions may have guarantees of energy savings or other performance support from third-party service providers, which typically are entities, directly or whose ultimate parent entity is, rated investment grade by an independent rating agency. All of our government receivables are included in Performance Rating 1 in the Portfolio Performance table above. Our allowance for government receivables is primarily calculated by using PD/LGD methods as discussed in Note 2 to our financial statements in this Form 10-Q. Our expectation of credit losses for these receivables is immaterial given the high credit-quality of the obligors.

The following table reconciles our beginning and ending allowance for loss on receivables by Portfolio Segment:

	Three mor	nths ended Ma	rch 31, 2023	Three months ended March 31, 2022				
	Government		Commercial	Government	Commercial			
			(in m	illions)				
Beginning balance	\$	— \$	41	\$	\$ 36			
Provision for loss on receivables		_	2		1			
Ending balance	\$	— \$	43	\$	\$ 37			

Other than the \$11 million of receivables discussed above with a Performance Rating of 3, we have no receivables which are on non-accrual status.

The following table provides a summary of our anticipated maturity dates of our receivables and the weighted average yield for each range of maturities as of March 31, 2023:

		Total		Less than 1 year	1	-5 years	5-10 years	More than 10 years
	·				(dolla	rs in millions)		
Maturities by period (excluding allowance)	\$	2,104	\$	11	\$	50	\$ 1,128	\$ 915
Weighted average yield by period		8.1 %	6	_ 9	%	6.2 %	8.4 %	7.9 %

#### Investments

The following table provides a summary of our anticipated maturity dates of our investments and the weighted average yield for each range of maturities as of March 31, 2023:

				Less than 1				More than 10
	7	otal		year	1-5 years	5-10 years		years
	<u></u>				(dollars in millions)			
Maturities by period	\$	10	\$	— \$	_	\$ —	\$	10
Weighted average yield by period		4.6 %	)	— %	— %	_ (	%	4.6 %

We had no investments that were impaired or on non-accrual status as of March 31, 2023 or December 31, 2022, and no allowances associated with our investments.

#### Real Estate

Our real estate is leased to renewable energy projects, typically under long-term triple net leases with expiration dates that range between the years 2033 and 2058 under the initial terms and 2047 and 2080 if all renewals are exercised. The components of our real estate portfolio as of March 31, 2023 and December 31, 2022, were as follows:

	March 31, 2023	Dec	ember 31, 2022				
	(in mili						
Real estate							
Land	\$	269 \$	269				
Lease intangibles		104	104				
Accumulated amortization of lease intangibles		(21)	(20)				
Real estate	\$	352 \$	353				

As of March 31, 2023, the future amortization expense of the intangible assets and the future minimum rental income payments under our land lease agreements are as follows:

	Future Amortization Expense		Minimum Rent Income Payments	
		(in n	millions)	
From April 1, 2023 to December 31, 2023	\$	2	\$	18
2024		3		24
2025		3		24
2026		3		24
2027		3		25
2028		3		25
Thereafter		66		673
Total	\$	83	\$	813

### **Equity Method Investments**

We have made non-controlling equity investments in a number of climate solutions projects as well as in a joint venture that owns land with long-term triple net lease agreements to several solar projects that we account for as equity method investments.

As of March 31, 2023, we held the following equity method investments:

Investment Date	Investee	Carrying Value
	(in millions)	
Various	Jupiter Equity Holdings LLC	\$ 536
Various	Lighthouse Partnerships (1)	536
Various	Other investees	1,178
	Total equity method investments	\$ 2,250

(1) Represents the total of four equity investments in a portfolio of renewable assets.

#### Jupiter Equity Holdings LLC

We have a preferred equity interest in Jupiter Equity Holdings LLC ("Jupiter") that ownsnine operating onshore wind projects and four operating utility-scale solar projects with an aggregate capacity of approximately 2.3 gigawatts. As of March 31, 2023, we have made capital contributions to Jupiter of approximately \$48 million related to these projects reflecting final funding true-ups after all projects reached substantial completion. The projects feature cash flows from fixed-price power purchase agreements and financial hedges with a weighted average contract life of 13 years, contracted with highly creditworthy off-takers and counterparties.

Jupiter is governed by an amended and restated limited liability company agreement, dated July 1, 2020, by and among Jupiter, one of our subsidiaries and a subsidiary of the project sponsor, and contains customary terms and conditions. We own 100% of the Class A Units in Jupiter corresponding to49% of the distributions from Jupiter subject to the preferences discussed below. Most major decisions that may impact Jupiter, its subsidiaries or its assets, require the majority vote of a four person committee on which we and the project sponsor each have two representatives. Through Jupiter, we will be entitled to preferred distributions until certain return targets are achieved. Once these return targets are achieved, distributions will be allocated approximately 33% to us and approximately 67% to the sponsor. We and the sponsor each have a right of first offer if the other party desires to transfer any of its equity ownership to a third party on or after July 1, 2023. We use the equity method of accounting to account for our preferred equity interest in Jupiter, and have elected to recognize earnings from this investment one quarter in arrears to allow for the receipt of financial information.

#### Lighthouse Renewables Portfolio

We have entered into certain agreements relating to the acquisition, ownership and management of preferred cash equity investments infour partnerships (the "Lighthouse Partnerships") that expect to own cash equity interests in an approximately 1.6 gigawatt portfolio of onshore wind, utility-scale solar and solar-plus-storage projects (the "Renewables Portfolio") developed and managed by the project sponsor. We have made investments in the preferred cash equity interests of the Lighthouse Partnerships of approximately \$563 million through March 31, 2023, and additional investments are expected to be made as the projects become commercially operational. The Renewables Portfolio currently has contracted cash flows with a combined weighted average contract life of greater than 14 years with a diversified group of predominately investment grade corporate, utility, university and municipal offtakers.

Each of the Lighthouse Partnerships are or will be governed by a limited liability company agreement between us and the sponsor serving as managing member and contain customary terms and conditions. Most major decisions that may impact each of the Lighthouse Partnerships, its subsidiaries or its assets, require a unanimous vote of the representatives present at a meeting of a review committee in which a quorum is present. The review committee is a four person committee, which includes two of our representatives and two sponsor representatives. Through each Lighthouse Partnership, commencing on a certain date following the effective date of the applicable limited liability company agreement, we will be entitled to preferred distributions until certain return targets of the Renewables Portfolio are achieved. Subject to customary exceptions, no member of a Lighthouse Partnership can transfer any of its equity ownership in any Lighthouse Partnership to a third party without approval of the review committee of that Lighthouse Partnership. We use the equity method of accounting to account for our preferred equity interest in each Lighthouse Partnership, and have elected to recognize earnings from this investment one quarter in arrears to allow for the receipt of financial information.

#### Related Party Transactions

Of our commercial receivables, approximately \$726 million are loans made to entities in which we also have non-controlling equity investments of approximately \$55 million. These equity method investments are LLCs taxed as partnerships that we have entered into with various renewable energy project sponsors, such as SunPower Corporation. We negotiate the commercial terms of these loans with the other partner, and the assets against which the project sponsors are borrowing are contributed into the LLCs upon the execution of the loans. Our equity investments allow us to participate in the residual economics of those contributed assets alongside the other partner, and our rights under the project operating agreements do not allow us to make any significant unilateral decisions regarding the terms of the arrangement. Because the loans made to these entities are typically subordinate to senior debt and tax equity investors in the projects, these loans, which have maturities of over ten years, may accrue PIK interest in the early years of the project until sufficient cash flow is available for our interest payments. Any change in PIK interest is included in Change in accrued interest on receivables and investments in the operating section of our statement of cash flows. On a quarterly basis, we assess these loans for any impairment inclusive of any PIK interest accrued under CECL as discussed above under Receivables.

The following table provides additional detail on these related party transactions:

	The	ree Months Ended March 31, 2023	Three Months Ended March 31, 2022
		(in m	illions)
Interest income from related party loans	\$	15	\$ 15
Investments made in related party loans		14	32
Principal collected from related party loans		9	13
Interest collected from related party loans		15	17

#### 7. Credit facilities and commercial paper notes

#### Secured credit facility

We have a secured revolving credit facility in the form of an approval-based loan agreement (the "Approval-Based Facility") with various lenders, which matures in July 2023 with a maximum outstanding principal amount of \$200 million. In the first quarter of 2023, we terminated a previously existing representation-based secured revolving limited-recourse credit facility which had a maximum outstanding principal amount of \$100 million

The following table provides additional detail on our Secured Credit Facility as of March 31, 2023:

	Approval-Based Facility	y
	(dollars in millions)	
Outstanding balance	\$ 107	
Value of collateral pledged to credit facility	219	
Available capacity based on pledged assets	2	
Weighted average short-term borrowing rate	6.76	%

Loans under the Approval-Based Facility bear interest at a rate equal to one-month LIBOR plus 1.50% or 2.00% (depending on the type of collateral) or, under certain circumstances, the Federal Funds Rate plus 0.50% or 1.00% (depending on the type of collateral). Inclusion of any financings of the Company in the borrowing base as collateral under the Approval-Based Facility will be subject to the approval of a super-majority of the lenders, and we have provided a guarantee of the Approval-Based Facility.

The amount eligible to be drawn under the Approval-Based Facility is based on a discount to the value of each included investment based upon the type of collateral or an applicable valuation percentage. The sum of included financings after taking into account the applicable valuation percentages and any changes in the valuation of the financings in accordance with the Approval-Based Facility determines the borrowing capacity, subject to the overall facility limits described above. Under the Approval-Based Facility, the applicable valuation percentage is 85% in the case of certain approved financings and67% or such other percentage as the administrative agent may prescribe.

We have less than \$1 million of remaining unamortized financing costs associated with the Approval-Based Facility that have been capitalized and included in other assets on our balance sheet and are being amortized on a straight-line basis over the

term of the Approval-Based Facility. Administrative fees are payable annually to the administrative agent under each of the Approval-Based Facility and letter agreements with the administrative agent.

The Approval-Based Facility contain terms, conditions, covenants, and representations and warranties that are customary and typical for a transaction of this nature, including various affirmative and negative covenants, and limitations on the incurrence of liens and indebtedness, investments, fundamental organizational changes, dispositions, changes in the nature of business, transactions with affiliates, use of proceeds and stock repurchases. We were in compliance with our covenants as of March 31, 2023.

The Approval-Based Facility also include customary events of default, including the existence of a default in more than 0% of the value of underlying financings. The occurrence of an event of default may result in termination of the credit facilities, acceleration of amounts due under the Approval-Based Facility, and accrual of default interest at a rate of LIBOR plus 2.00%.

#### Unsecured revolving credit facilities

We have a \$600 million unsecured revolving credit facility pursuant to a revolving credit agreement with a syndicate of lenders which matures in February 2025. As of March 31, 2023, the outstanding balance on this facility was \$250 million, and it currently bears interest at a weighted average rate of 6.76%. We have approximately \$2 million of remaining unamortized financing costs associated with the unsecured credit facility that have been capitalized and included in other assets on our balance sheet and are being amortized on a straight-line basis over the term of the unsecured revolving credit facility.

The unsecured revolving credit facility has a commitment fee based on our current credit rating and bears interest at a rate of SOFR or prime rate plus applicable margins based on our current credit rating, which may be adjusted downward up to 0.10% to the extent our Portfolio achieves certain targeted levels of carbon emissions avoidance, as measured by our CarbonCount® metric. As of the inception of the unsecured revolving credit facility, the applicable margins are1.875% for SOFR-based loans and 0.875% for prime rate-based loans. The unsecured revolving credit facility has a commitment fee based on our current credit rating. The unsecured revolving credit facility contains terms, conditions, covenants, and representations and warranties that are customary and typical for a transaction of this nature, including various affirmative and negative covenants, and limitations on the incurrence of liens and indebtedness, investments, fundamental organizational changes, dispositions, changes in the nature of business, transactions with affiliates, use of proceeds, stock repurchases and dividends we declare. The unsecured revolving credit facility also includes customary events of default and remedies. At our option, upon maturity of the unsecured revolving credit facility, we have the ability to convert amounts borrowed into term loans for a fee equal to 1.875% of the term loan amounts.

#### CarbonCount Green Commercial Paper Note Program

We have entered into an agreement allowing us to issue commercial paper notes, in amounts up to \$00 million outstanding at any time. We obtained an irrevocable direct-pay letter of credit in an amount not to exceed \$100 million from Bank of America, N.A, to support these obligations which expires in June 2024. Commercial paper notes will not be redeemable, will not be subject to voluntary prepayment and are not to exceed 397 days. An amount equal to the proceeds of our commercial paper notes are allocated to either the acquisition or refinance of, in whole or in part, eligible green projects, including assets that are neutral to negative on incremental carbon emissions. As of March 31, 2023, we have \$100 million of commercial paper notes outstanding under the facility which matures in 2024, which together bear an average total borrowing rate of 6.18%.

Green commercial paper notes will be issued at a discount based on market pricing, subject to broker fees of 0.10%. For issuance of the letter of credit, we will pay 0.95% on any drawn letter of credit amounts to Bank of America, N.A., and 0.40% on any unused letter of credit capacity. Fees paid on the drawn letters of credit may be reduced by up to 0.05% to the extent our Portfolio achieves certain targeted levels of carbon emissions avoidance as measured by our CarbonCount metric. As of March 31, 2023, we haveo remaining unamortized financing costs associated with the commercial paper program and associated letter of credit. The associated letter of credit contains terms, conditions, covenants, and representations and warranties that are customary and typical for a transaction of this nature, including various affirmative and negative covenants, and limitations on the incurrence of liens and indebtedness, investments, fundamental organizational changes, dispositions, changes in the nature of business, transactions with affiliates, use of proceeds, stock repurchases and dividends we declare. The letter of credit also includes customary events of default and remedies.

#### 8. Long-term Debt

#### Non-recourse debt

We have outstanding the following asset-backed non-recourse debt:

Outstanding Balance as of						Anticipated	Carrying Value of	f Assets Pledged			
	March 31, 2023	December 31, 2		Interest Rate	Maturity Date		Balance at Maturity	March 31, 2023	December 31	, 2022	Description of Assets Pledged
					(dollars in millions)	)					
HASI Sustainable Yield Bond 2015-1A	\$ 72	s	73	4.28%	October 2034	\$	_	\$ 137	\$	136	Receivables, real estate, real estate intangibles, and restricted cash
HASI SYB Trust 2016-2	57		56	4.35%	April 2037		_	64		63	Receivables and restricted cash
HASI SYB Trust 2017-1	140		.41	3.86%	March 2042		_	232		231	Receivables, real estate, real estate intangibles, and restricted cash
Lannie Mae Series 2019-1	90		90	3.68%	January 2047		_	121		120	Receivables, real estate and real estate intangibles
Other non-recourse debt (1)	45		82 3.1	5% - 7.23%	2024 to 2032		18	48		82	Receivables
Unamortized financing costs	(9)		(9)								
Non-recourse debt(2)	\$ 395	\$	133								

- (1) Other non-recourse debt consists of various debt agreements used to finance certain of our receivables. Scheduled debt service payment requirements are equal to or less than the cash flows received from the underlying receivables.
- (2) The total collateral pledged against our non-recourse debt was \$ 602 million and \$632 million as of March 31, 2023 and December 31, 2022, respectively. These amounts include \$ 21 million and \$20 million of restricted cash pledged for debt service payments as of March 31, 2023 and December 31, 2022, respectively.

We have pledged the financed assets, and typically our interests in one or more parents or subsidiaries of the borrower that are legally separate bankruptcy remote special purpose entities as security for the non-recourse debt. There is no recourse for repayment of these obligations other than to the applicable borrower and any collateral pledged as security for the obligations. Generally, the assets and credit of these entities are not available to satisfy any of our other debts and obligations. The creditors can only look to the borrower, the cash flows of the pledged assets and any other collateral pledged, to satisfy the debt and we are not otherwise liable for nonpayment of such cash flows. The debt agreements contain terms, conditions, covenants and representations and warranties that are customary and typical for transactions of this nature, including limitations on the incurrence of liens and indebtedness, investments, fundamental organizational changes, dispositions, changes in the nature of business, transactions with affiliates, use of proceeds and stock repurchases. The agreements also include customary events of default, the occurrence of which may result in termination of the agreements, acceleration of amounts due and accrual of default interest. We typically act as servicer for the debt transactions. We were in compliance with all covenants as of March 31, 2023 and December 31, 2022.

We have guaranteed the accuracy of certain of the representations and warranties and other obligations of certain of our subsidiaries under certain of the debt agreements and provided an indemnity against certain losses from "bad acts" of such subsidiaries including fraud, failure to disclose a material fact, theft, misappropriation, voluntary bankruptcy or unauthorized transfers.

The stated minimum maturities of non-recourse debt as of March 31, 2023, were as follows:

	Future minimum maturities
	 (in millions)
April 1, 2023 to December 31, 2023	\$ 22
2024	28
2025	25
2026	24
2027	33
2028	28
Thereafter	244
Total minimum maturities	\$ 404
Unamortized financing costs	(9)
Total non-recourse debt	\$ 395

The stated minimum maturities of non-recourse debt above include only the mandatory minimum principal payments. To the extent there are additional cash flows received from our investments in climate solutions projects serving as collateral for certain of our non-recourse debt facilities, these additional cash flows may be required to be used to make additional principal payments against the respective debt. Any additional principal payments made due to these provisions may impact the anticipated balance at maturity of these financings. To the extent there are not sufficient cash flows received from those investments pledged as collateral, the investor has no recourse against other corporate assets to recover any shortfalls.

#### Senior Unsecured Notes

We have outstanding senior unsecured notes issued jointly by certain of our TRS and are guaranteed by the Company and certain other subsidiaries (the "Senior Unsecured Notes"). The Senior Unsecured Notes are subject to covenants that limit our ability to incur additional indebtedness and require us to maintain unencumbered assets of not less than 120% of our unsecured debt. These covenants will terminate on any date at which the Senior Unsecured Notes have been rated investment grade by two of the three major credit rating agencies and no event of default has occurred. We are in compliance with all of our covenants as of March 31, 2023 and December 31, 2022. The Senior Unsecured Notes impose certain requirements in the event that we merge with or sell substantially all of our assets to another entity. We allocate an amount equal to the net proceeds of our Senior Unsecured Notes to the acquisition or refinance of, in whole or in part, eligible green projects, including assets that are neutral to negative on incremental carbon emissions.

The following are summarized terms of the Senior Unsecured Notes:

	Outstanding Principal Amount		Maturity Date	Stated Interest	Rate	Interest Payment Dates	Redemption Terms Modification Date	
	(i	n millions)						
2025 Notes	\$	400		April 15, 2025	6.00	%	April 15 and October 15th	N/A
2026 Notes		1,000		June 15, 2026	3.38	%	June 15 and December 15	March 15, 2026 (1)
2030 Notes		375	(2)	September 15, 2030	3.75	%	February 15th and August 15th	N/A

- (1) Prior to this date, we may redeem, at our option, some or all of the 2026 Notes for the outstanding principal amount plus the applicable "make-whole" premium as defined in the indenture governing the 2026 Notes plus accrued and unpaid interest through the redemption date. In addition, prior to this date, we may redeem up to 40% of the Senior Unsecured Notes using the proceeds of certain equity offerings at a price equal to par plus the coupon percentage of the principal amount thereof, plus accrued but unpaid interest, if any, to, but excluding, the applicable redemption date. On, or subsequent to, this date we may redeem the 2026 Notes in whole or in part at redemption prices defined in the indenture governing the 2026 Notes, plus accrued and unpaid interest though the redemption date
- (2) We issued the \$375 million aggregate principal amount of the 2030 Notes for total proceeds of \$371 million (\$367 million net of issuance costs) at an effective interest rate of 3.87%.

We may redeem the 2025 Notes in whole or in part at redemption prices defined in the indenture governing the 2025 Notes plus accrued and unpaid interest though the redemption date. At any point prior to maturity, we may redeem, at our option, some or all of the 2030 Notes plus the applicable "make-whole" premium as defined in the indenture governing the 2030 Notes plus accrued and unpaid interest through the redemption date.

The following table presents a summary of the components of the Senior Unsecured Notes:

	March 31, 2023	December 31, 2022
	(in n	nillions)
Principal	\$ 1,775	\$ 1,775
Accrued interest	23	12
Unamortized premium (discount)	(3)	(3)
Less: Unamortized financing costs	(15)	(16)
Carrying value of Senior Unsecured Notes	\$ 1,780	\$ 1,768

We recorded approximately \$19 million in interest expense related to the Senior Unsecured Notes in the three months ended March 31, 2023, compared to approximately \$19 million in the three months ended March 31, 2022, respectively.

#### Convertible Notes

We have outstanding \$144 million aggregate principal amount of convertible senior notes and \$200 million aggregate principal amount of exchangeable senior notes, together "Convertible Notes". Holders may convert or exchange any of their Convertible Notes into shares of our common stock at the applicable conversion or exchange ratio at any time prior to the close of business on the second scheduled trading day immediately preceding the maturity date, unless the Convertible Notes have been previously redeemed or repurchased by us.

The following are summarized terms of the Convertible Notes as of March 31, 2023:

	Outstanding Principal Amount	Maturity Date	Stated Interest I Rate	nterest Payment Dates	Conversion/Exchange Ratio	Conversion/Exchange Price	Issuable Shares	Dividend Threshold Amount <sup>(1)</sup>
	(in millions)						(in millions)	
2023 Convertible Senior Notes	144	August 15, 2023	0.000 %	N/A	20.7767	\$48.13	3.0	\$0.340
2025 Exchangeable Senior Notes	200	May 1, 2025	0.000 %	N/A	17.6873	\$56.54	3.5	\$0.375

- (1) The conversion or exchange ratio is subject to adjustment for dividends declared above these amounts per share per quarter and certain other events that may be dilutive to the holder.
- (2) The 2025 Exchangeable Senior Notes accrete to a premium at maturity equal to 3.25% per annum. The current balance including accreted premium is \$ 206 million.

For the 2023 Convertible Senior Notes, following the occurrence of a make-whole fundamental change, we will, in certain circumstances, increase the conversion rate for a holder that converts its convertible notes in connection with such make-whole fundamental change. There are no cash settlement provisions in the convertible notes and the conversion option can only be settled through physical delivery of our common stock. Additionally, upon the occurrence of certain fundamental changes involving us, holders of the 2023 Convertible Senior Notes may require us to redeem all or a portion of their notes for cash at a price of 100% of the principal amount outstanding, plus accrued and unpaid interest. We may redeem the 2023 Convertible Senior Notes at any time only if such a redemption is deemed reasonably necessary to preserve our qualification as a REIT.

Certain of our TRS have jointly issued \$200 million of 0.00% Exchangeable Senior Notes due 2025 which are guaranteed by us and certain of our subsidiaries and may, under certain conditions, be exchangeable for our common stock. The notes accrete to a premium at maturity at an effective rate of 3.25% annually. Upon any exchange, holders will receive a number of shares of our common stock equal to the product of (i) the aggregate initial principal amount of the notes to be exchanged, divided by \$1,000 and (ii) the applicable exchange rate, plus cash in lieu of fractional shares. We have allocated an amount equal to the net proceeds of this offering to the acquisition or refinancing of, in whole or in part, new and/or existing eligible green projects, which include assets that are neutral to negative on incremental carbon emissions.

The following table presents a summary of the components of our Convertible Notes:

	March 31, 2023		December 31, 2022	
	 (in millions)			
Principal	\$ 344	\$	344	
Premium	6		5	
Less: Unamortized financing costs	(3)		(5)	
Carrying value of Convertible Notes	\$ 347	\$	344	

We recorded approximately \$2 million in interest expense related to our Convertible Notes in the three months ended March 31, 2023, compared to \$ million for the three months ended March 31, 2022, respectively.

#### CarbonCount Term Loan Facility

We have entered into an unsecured term loan facility with a syndicate of banks which has an outstanding principal amount of \$83 million. Principal amounts under the term loan facility will bear interest at a rate of Term SOFR plus applicable margins based on our current credit rating, which may be adjusted downward up to 0.10% to the extent our Portfolio achieves certain targeted levels of carbon emissions avoidance, as measured by our CarbonCount® metric. As of March 31, 2023, the applicable margin is 2.225%, and the current interest rate is 6.98%. The coupon on any drawn amounts will be reset at monthly, quarterly, or semi-annual intervals at our election. Interest is due and payable quarterly. Beginning six months after the effective date of the facility, 1.25% of the outstanding principal balance will be due quarterly. The term loan facility has a maturity date of October 31, 2025, and loans under the facility can be prepaid without penalty. We intend to allocate an amount equal to the net proceeds of this offering to the acquisition or refinancing of, in whole or in part, new and/or existing eligible green projects, which include assets that are neutral to negative on incremental carbon emissions.

Principal payments which were due under the term loan facility as of March 31, 2023 are as follows:

e maturities
millions)
14
18
351
383
(3)
380

The term loan facility contains terms, conditions, covenants, and representations and warranties that are customary and typical for a transaction of this nature, including various affirmative and negative covenants, and limitations on the incurrence of liens and indebtedness, investments, fundamental organizational changes, dispositions, changes in the nature of business, transactions with affiliates, use of proceeds, stock repurchases and dividends we declare. The term loan facility also includes customary events of default and remedies.

#### Interest rate swaps

In connection with several of our long-term borrowings, including floating-rate loans from our Term Loan Facility, and the anticipated refinancings of certain of our Senior Secured Notes, in the first quarter of 2023 we entered into the following interest rate swaps that are designated as cash flow hedges:

					r	air value as of	
Index	Hedged Rate		Not	ional Value	N	March 31, 2023	Term
				\$ i	in millions		
1 month SOFR	3.788	%	\$	400	\$	(22)	March 2023 to March 2033
Overnight SOFR	2.980	%		400		(1)	June 2026 to June 2033
Overnight SOFR	3.085	%		600		(5)	June 2026 to June 2033
Overnight SOFR	3.075	%		400		(4)	April 2025 to April 2035
			\$	1,800	\$	(32)	

The fair values of our interest rate swaps designated and qualifying as effective cash flow hedges are reflected in our consolidated balance sheets as a component of other assets (if in an unrealized gain position) or accounts payable, accrued expenses and other (if in an unrealized loss position) and in net unrealized gains and losses in AOCI. As of March 31, 2023, all of our derivatives were designated as hedging instruments which were deemed to be effective. As of March 31, 2023, we have posted \$20 million of collateral related to our interest rate swaps, which we have netted against the derivative liability in accounts payable, accrued expenses and other on our balance sheet.

Certain of the projects in which we have equity method investments also have interest rate swaps which are designated as cash flow hedges, and we recognize the portion of the gain or loss allocated to us related to those instruments through other comprehensive income.

#### 9. Commitments and Contingencies

#### Litigation

The nature of our operations exposes us to the risk of claims and litigation in the normal course of our business. We are not currently subject to any legal proceedings that are probable of having a material adverse effect on our financial position, results of operations or cash flows.

#### Guarantees and other commitments

In connection with some of our transactions, we have provided certain limited representations, warranties, covenants and/or provided an indemnity against certain losses resulting from our own actions, including related to certain investment tax credits. As of March 31, 2023, there have been no such actions resulting in claims against the Company.

In 2022, we made a guarantee related to the financing of three of our joint venture entities that owns debt securities of energy efficiency projects. We received \$4 million of the proceeds of this financing arrangement, and in turn have guaranteed the obligations of the entity related to this financing, which includes collateral posting requirements as well as repayment of the financing at maturity in May 2023. As of March 31, 2023, our maximum obligation under this guarantee is approximately \$80 million. We believe the likelihood of having to perform under the guarantee is remote, have recorded no liability associated with this guarantee, and presently have not been required to post collateral as the assets of the joint venture entities are enough to support the financing obligation. We have executed a separate agreement with our joint venture partner pursuant to which it is liable for 15% of this obligation repayable to us.

#### 10. Income Tax

We recorded an income tax (expense) benefit of approximately \$(1) million for the three months ended March 31, 2023, respectively, compared to a \$(1) million income tax (expense) benefit in the three months ended March 31, 2022, respectively. For the three months ended March 31, 2023 and 2022, our income tax (expense) benefit was determined using the federal tax rate of 21%, and combined state tax rates, net of federal benefit, of approximately 3% for 2023 and 2022.

#### 11. Equity

#### **Dividends and Distributions**

Our board of directors declared the following dividends in 2022 and 2023:

Announced Date	Record Date	Pay Date	Amount per share		
2/17/2022	4/4/2022	4/11/2022	\$	0.375	
5/3/2022	7/5/2022	7/12/2022	\$	0.375	
8/4/2022	10/4/2022	10/11/2022	\$	0.375	
11/3/2022	12/28/2022(1)	01/6/2023	\$	0.375	
2/16/2023	04/3/2023	04/10/2023	\$	0.395	
5/4/2023	7/5/2023	7/12/2023	\$	0.395	

(1) This dividend was treated as a distribution in 2023 for tax purposes.

#### **Equity Offerings**

We have an effective universal shelf registration statement registering the potential offer and sale, from time to time and in one or more offerings, of any combination of our common stock, preferred stock, depositary shares, debt securities, warrants and rights (collectively referred to as the "securities"). We may offer the securities directly, through agents, or to or through underwriters by means of ordinary brokers' transactions on the NYSE or otherwise at market prices prevailing at the time of sale or at negotiated prices and may include "at the market" ("ATM") offerings to or through a market maker or into an existing trading market on an exchange or otherwise. In January 2023, we established a dividend reinvestment and stock purchase plan, allowing stockholders and holders of OP Units (including LTIP Units) to purchase shares of our common stock by reinvesting cash dividends or distributions received. We completed the following public offerings (including ATM issuances) of our common stock during 2023 and 2022:

Date/Period	Common Stock Offerings	Shares Issued	Price Per Share (2)			Net Proceeds (1)	
		(amounts in millions, except per share amounts)					
Q1 2022	ATM	1.050	\$	48.14	\$	50	
Q2 2022	ATM	0.731		38.91		28	
Q3 2022	ATM	1.346		36.85		49	
Q4 2022	ATM	1.996		31.41		62	
Q1 2023	ATM	0.763		31.31		24	

- (1) Net proceeds from the offerings are shown after deducting underwriting discounts and commissions.
- (2) Represents the average price per share at which investors in our ATM offerings purchased our shares.

#### **Equity-based Compensation Awards**

We have issued equity awards that vest from 2023 to 2027 subject to service, performance and market conditions. During the three months ended March 31, 2023, our board of directors awarded employees and directors 732,371 shares of restricted stock, restricted stock units and LTIP Units that vest from 2024 to 2026. Refer to Note 4 to our financial statements in this Form 10-Q for background on the LTIP Units.

For the three months ended March 31, 2023 we recorded \$\$\text{\$\text{million}}\$ million of stock based compensation, compared to \$4\$ million during the three months ended March 31, 2022. We have a retirement policy which provides for full vesting at retirement of any time-based awards that were granted prior to the date of retirement and permits the vesting of performance-based awards that were granted prior to the date of retirement according to the original vesting schedule of the award, subject to the achievement of the applicable performance measures. Employees are eligible for the retirement policy upon meeting age and years of service criteria. The total unrecognized compensation expense related to awards of shares of restricted stock and restricted stock units was approximately \$30\$ million as of March 31, 2023. We expect to recognize compensation expense related to our equity awards over a weighted-average term of approximately 2 years. A summary of the unvested shares of restricted common stock that have been issued is as follows:

	Restricted Shares of Common Stock	Weighted Average Grant Date Fair Value		Value	
		(per share)		(in millions)	
Ending Balance — December 31, 2021	193,548	\$ 38.66	\$	7.5	
Granted	71,911	37.32		2.7	
Vested	(93,646)	46.46		(4.3)	
Forfeited	(3,361)	46.83		(0.2)	
Ending Balance — December 31, 2022	168,452	\$ 33.59	\$	5.7	
Granted	65,678	31.23		2.0	
Vested	(81,918)	26.01		(2.1)	
Forfeited	(541)	36.58		_	
Ending Balance — March 31, 2023	151,671	\$ 36.65	\$	5.6	

A summary of the unvested shares of restricted stock units that have market-based vesting conditions that have been issued is as follows:

	Restricted Stock Units (1)	Weighted Average Grant Date Fair Value	Value		
		(per share)		(in millions)	
Ending Balance — December 31, 2021	78,366	\$ 35.32	\$	2.8	
Granted	24,790	58.77		1.5	
Incremental performance shares granted	39,730	25.12		1.0	
Vested	(79,460)	25.12		(2.1)	
Forfeited	(5,022)	49.00		(0.2)	
Ending Balance — December 31, 2022	58,404	\$ 51.03	\$	3.0	
Granted	62,310	39.29		2.4	
Incremental performance shares granted	7,305	34.63		0.3	
Vested	(17,449)	34.63		(0.6)	
Forfeited	(10,686)	21.03		(0.2)	
Ending Balance — March 31, 2023	99,884	\$ 48.58	\$	4.9	

<sup>(1)</sup> As discussed in Note 2 to our financial statements in this Form 10-Q, restricted stock units with market-based vesting conditions can vest between 0% and 200% subject to both the absolute performance of the Company's common stock as well as relative performance compared to a group of peers. The incremental performance shares granted relate to the vesting of awards at the actual performance level.

A summary of the unvested LTIP Units that have time-based vesting conditions that have been issued is as follows:

	LTIP Units (1)	Weighted Average Grant Date Fair Value	Value	
		(per share)	(in millions)	
Ending Balance — December 31, 2021	384,046	\$ 43.15	\$ 16.6	
Granted	174,340	44.08	7.7	
Vested	(279,123)	44.64	(12.5)	
Forfeited	(2,497)	46.08	(0.1)	
Ending Balance — December 31, 2022	276,766	\$ 42.21	\$ 11.7	
Granted	322,349	30.31	9.8	
Vested	(69,869)	34.64	(2.4)	
Forfeited	_	_	_	
Ending Balance — March 31, 2023	529,246	\$ 35.96	\$ 19.1	

 $<sup>(1) \</sup>quad \text{See Note 4 to our financial statements in this Form 10-Q for information on the vesting of LTIP Units.}$ 

A summary of the unvested LTIP Units that have market-based vesting conditions that have been issued is as follows:

	LTIP Units (1)	Weighted Average Grant Date Fair Value		Value	
		(per share)		(in millions)	
Ending Balance — December 31, 2021	347,478	\$	31.61	\$	11.0
Granted	125,550		54.77		6.9
Incremental performance shares granted	149,000		26.70		4.0
Vested	(298,000)		26.70		(8.0)
Forfeited	_		_		_
Ending Balance — December 31, 2022	324,028	\$	42.84	\$	13.9
Granted	282,034		39.29		11.1
Incremental performance shares granted	40,394		19.94		0.8
Vested	(96,496)		19.94		(1.9)
Forfeited	(56,102)		4.56		(0.3)
Ending Balance — March 31, 2023	493,858	\$	47.76	\$	23.6

<sup>(1)</sup> See Note 4 to our financial statements in this Form 10-Q for information on the vesting of LTIP Units. LTIP Units with market-based vesting conditions can vest between 0% and 200% subject to both the absolute performance of the Company's common stock as well as relative performance compared to a group of peers. The incremental performance shares granted relate to the vesting of awards at the actual performance level.

### 12. Earnings per Share of Common Stock

Both the net income or loss attributable to the non-controlling OP units and the non-controlling limited partners' outstanding OP units have been excluded from the basic earnings per share and the diluted earnings per share calculations attributable to common stockholders. Unvested share-based payment awards that contain non-forfeitable rights to dividends or dividend equivalents (whether paid or unpaid) are participating securities and are excluded from net income available to common shareholders in the computation of earnings per share pursuant to the two-class method. Certain share-based awards are included in the diluted share count to the extent they are dilutive as discussed in Note 2 to our financial statements in this Form 10-Q. To the extent our Convertible Notes are dilutive under the if-converted method, we add back the interest expense to the numerator and include the weighted average shares of potential common stock over the period issuable upon conversion or exchange of the note in the denominator in calculating dilutive EPS as described in Note 2 to our financial statements in this Form 10-Q.

The computation of basic and diluted earnings per common share of common stock is as follows:

		Three Months	Ended Mar	ch 31,
-	2023		2022	
Numerator:	(in n	nillions, except sh	are and per	share data)
Net income (loss) attributable to controlling stockholders and participating securities	\$	24.1	\$	45.3
Less: Dividends and distributions on participating securities		(0.3)		(0.2)
Less: Undistributed earnings attributable to participating securities		<u> </u>		(0.1)
Net income (loss) attributable to controlling stockholders — basic		23.8		45.0
Add: Interest expense related to Convertible Notes under the if-converted method		0.3		0.3
Add: Undistributed earnings attributable to participating securities		_		0.1
Net income (loss) attributable to controlling stockholders — dilutive	\$	24.1	\$	45.4
Denominator:				
Weighted-average number of common shares — basic	ç	91,102,374		85,583,152
Weighted-average number of common shares — diluted	ç	94,129,174		89,052,167
Basic earnings per common share	\$	0.26	\$	0.53
Diluted earnings per common share	\$	0.26	\$	0.51
Securities being allocated a portion of earnings:				
Weighted-average number of OP units		1,186,616		675,207
	As of	f March 31, 23	As o	f March 31, 22
Participating securities:				
Unvested restricted common stock and unvested LTIP Units with time-based vesting conditions outstanding at period end		680,917		646,754
Potentially dilutive securities as of period end:				
Unvested restricted common stock and unvested LTIP Units with time-based vesting conditions		680,917		646,754
Restricted stock units		99,884		63,426
LTIP Units with market-based vesting conditions		493,858		324,028
Potential shares of common stock related to Convertible Notes		6,524,112		2,974,634

### 13. Equity Method Investments

We have non-controlling unconsolidated equity investments in renewable energy and energy efficiency projects as well as in a joint venture that owns land with long-term triple net lease agreements to several solar projects. We recognized income (loss) from our equity method investments of approximately \$22 million during the three months ended March 31, 2023 compared to \$48 million during the three months ended March 31, 2022. We describe our accounting for non-controlling equity investments in Note 2.

The following is a summary of the consolidated balance sheets and income statements of the entities in which we have a significant equity method investment. These amounts are presented on the underlying investees' accounting basis. In certain instances, adjustment to these equity values may be necessary in order to reflect our basis in these investments. As described in Note 2, any difference between the amount of our investment and the amount of our share of underlying equity is generally amortized over the life of the assets and liabilities to which the differences relate. Certain of our equity method investments have the unrealized mark-to-market losses on energy hedges at the project level that do not qualify for hedge accounting. These unrealized mark-to-market losses, which resulted from rising energy prices, are recorded in the revenue line of the projects' statements of operations. As these swaps are settled, the projects will sell power at the higher market price, offsetting the loss recognized on the energy hedges.

	Jupiter Equity Holdings LLC		
		(in millions)	
Balance Sheet			
As of December 31, 2022			
Current assets	\$ 112	\$ 585	\$ 697
Total assets	3,120	11,539	14,659
Current liabilities	145	662	807
Total liabilities	757	6,012	6,769
Members' equity	2,363	5,527	7,890
As of December 31, 2021			
Current assets	304	610	914
Total assets	3,416	8,652	12,068
Current liabilities	170	746	916
Total liabilities	668	4,496	5,164
Members' equity	2,748	4,156	6,904
Income Statement			
For the year ended December 31, 2022			
Revenue	(75)	603	528
Income (loss) from continuing operations	(270)	(94)	(364)
Net income (loss)	(270)	(94)	(364)
For the year ended December 31, 2021			
Revenue	(253)	394	141
Income (loss) from continuing operations	(450)	(127)	(577)
Net income (loss)	(450)	(127)	(577)

<sup>(1)</sup> Represents aggregated financial statement information for investments not separately presented.

#### Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

In this Form 10-Q, unless specifically stated otherwise or the context otherwise indicates, references to "we," "our," "us," and the "Company" refer to Hannon Armstrong Sustainable Infrastructure Capital, Inc., a Maryland corporation, Hannon Armstrong Sustainable Infrastructure, L.P., and any of our other subsidiaries. Hannon Armstrong Sustainable Infrastructure, L.P. is a Delaware limited partnership of which we are the sole general partner and to which we refer in this Form 10-Q as our "Operating Partnership." Our business is focused on reducing the impact of greenhouse gases that have been scientifically linked to climate change. We refer to these gases, which are often for consistency expressed as carbon dioxide equivalents, as carbon emissions.

The following discussion is a supplement to and should be read in conjunction with the accompanying Condensed Consolidated Financial Statements and related notes and with our Annual Report on Form 10-K for the year ended December 31, 2022, as amended by our Amendment No. 1 to our Annual Report on Form 10-K for the year ended December 31, 2022 (collectively, our "2022 Form 10-K"), that was filed with the SEC.

#### **Our Business**

We are a climate positive investment firm that actively partners with clients to deploy real assets that facilitate the energy transition. With more than \$10 billion in managed assets, our vision is that every investment improves our climate future. Our investments take many forms, including equity, joint ventures, land ownership, lending, and other financing transactions. In addition to Net Investment Income from our portfolio, we also generate ongoing fees through gain-on-sale securitization transactions, asset management, and other services.

We are internally managed, and our management team has extensive relevant industry knowledge and experience. We have long-standing relationships with the leading energy service companies ("ESCOs"), manufacturers, project developers, utilities, owners and operators that provide recurring, programmatic investment and fee-generating opportunities.

Our investments are focused on three markets:

- Behind-the-Meter ("BTM"): distributed building or facility projects, which reduce energy usage or cost through the use of solar generation and energy storage or energy efficiency improvements including heating, ventilation and air conditioning systems ("HVAC"), lighting, energy controls, roofs, windows, building shells, and/or combined heat and power systems;
- Grid-Connected ("GC"): projects that deploy cleaner energy sources, such as solar and wind to generate power where the off-taker or counterparty is part of the wholesale electric power grid; and
- Fuels, Transport, and Nature ("FTN"): renewable natural gas (RNG) plants, transportation fleet enhancements, and ecological restoration projects, among others, that increase resiliency or more efficiently use natural resources.

We prefer investments in which the assets use proven technology and have a long-term, creditworthy off-taker or counterparties. For BTM assets, the off-taker or counterparty may be the building owner or occupant, and our investment may be secured by the installed improvements or other real estate rights. For GC assets, the off-takers or counterparties may be utility or electric users who have entered into contractual commitments, such as power purchase agreements ("PPAs"), to purchase power produced by a renewable energy project at a specified price with potential price escalators for a portion of the project's estimated life.

We completed approximately \$389 million of transactions during the three months ended March 31, 2023, compared to approximately \$331 million during the same periods in 2022, respectively. As of March 31, 2023, pursuant to our strategy of holding transactions on our balance sheet, we held approximately \$4.7 billion of transactions on our balance sheet, which we refer to as our "Portfolio." As of March 31, 2023, our Portfolio consisted of over 350 assets and we seek to manage the diversity of our Portfolio by, among other factors, project type, project operator, type of investment, type of technology, transaction size, geography, obligor and maturity. For those transactions that we choose not to hold on our balance sheet, we transfer all or a portion of the economics of the transaction, typically using securitization trusts, to institutional investors in exchange for cash and/or residual interests in the assets and in some cases, ongoing fees. As of March 31, 2023, we managed approximately \$5.7 billion in assets in these securitization trusts or vehicles that are not consolidated on our balance sheet. When combined with our Portfolio, as of March 31, 2023, we manage approximately \$10.4 billion of assets which we refer to as our "Managed Assets".

We make our investments utilizing a variety of structures including:

- equity investments in either preferred or common structures in unconsolidated entities;
- commercial and government receivables or securities; and
- real estate

Our equity investments in climate solutions projects are operated by various renewable energy companies or by joint ventures in which we participate. These transactions allow us to participate in the cash flows associated with these projects, typically on a priority basis. Our energy efficiency debt investments are usually assigned the payment stream from the project savings and other contractual rights, often using our pre-existing master purchase agreements with the ESCOs. Our debt investments in various renewable energy or other sustainable infrastructure projects or portfolios of projects are generally secured by the installed improvements or other real estate rights. We also own, directly or through equity investments, land which is leased under long-term agreements to renewable energy projects, where our investment returns are typically senior to most project costs, debt, and equity.

We often make investments where we hold a preferred or mezzanine position in a project company where we are subordinated to project debt and/or preferred forms of equity. Investing greater than 10% of our assets in any individual project company requires the approval of a majority of our independent directors. We may adjust the mix and duration of our assets over time in order to allow us to manage various aspects of our Portfolio, including expected risk-adjusted returns, macroeconomic conditions, liquidity, availability of adequate financing for our assets, and the maintenance of our REIT qualification and our exemption from registration as an investment company under the 1940 Act.

We believe we have available a broad range of financing sources as part of our strategy to fund our investments. We may finance our investments through the use of cash on hand, non-recourse debt, recourse debt, convertible securities, or equity and may also decide to finance such transactions through the use of off-balance sheet securitization structures. When issuing debt, we generally provide the estimated carbon emission savings using CarbonCount. In addition, certain of our debt issuances meet the environmental eligibility criteria for green bonds as defined by the International Capital Markets Association's Green Bond Principles, which we believe makes our debt more attractive for many investors compared to such offerings that do not qualify under these principles.

We have a large and active pipeline of potential new opportunities that are in various stages of our underwriting process. We believe the Inflation Reduction Act signed into law on August 16, 2022, that incentivizes the construction of and investment in climate solutions will result in additional investment opportunities in the markets in which we invest over the next several years, which may result in increases in our pipeline in the future. We refer to potential opportunities as being part of our pipeline if we have determined that the project fits within our climate solutions investment strategy and exhibits the appropriate risk and reward characteristics through an initial credit analysis, including a quantitative and qualitative assessment of the opportunity, as well as research on the relevant market and sponsor. Our pipeline of transactions that could potentially close in the next 12 months consists of opportunities in which we will be the lead originator as well as opportunities in which we may participate with other institutional investors. As of March 31, 2023, our pipeline consisted of more than \$5.0 billion in new equity, debt and real estate opportunities. Of our pipeline, approximately 41% is related to BTM assets and 46% is related to GC assets, with the remainder related to FTN. There can, however, be no assurance with regard to any specific terms of such pipeline transactions or that any or all of the transactions in our pipeline will be completed.

As part of our investment process, we calculate the ratio of the estimated first year of metric tons of carbon emissions avoided by our investments divided by the capital invested to quantify the carbon impact of our investments. In this calculation, which we refer to as CarbonCount, we use emissions factor data, expressed on a CO<sup>2</sup> equivalent basis, from the U.S. Government or the International Energy Administration to an estimate of a project's energy production or savings to compute an estimate of metric tons of carbon emissions avoided. Refer to "MD&A — Environmental Metrics" below for a discussion of the carbon emissions avoided as a result of our investments. In addition to carbon, we also consider other environmental attributes, such as water use reduction, stormwater remediation benefits and stream restoration benefits.

We elected and qualified to be taxed as a REIT for U.S. federal income tax purposes, commencing with our taxable year ended December 31, 2013, and operate our business in a manner that will permit us to continue to maintain our exemption from registration as an investment company under the 1940 Act.

### **Factors Impacting our Operating Results**

We expect that our results of operations will be affected by a number of factors and will primarily depend on the size of our Portfolio, including the mix of transactions that we hold in our Portfolio, the income we receive from securitizations, syndications and other services, our Portfolio's credit risk profile, changes in market interest rates, commodity prices, federal, state and/or municipal governmental policies, general market conditions in local, regional and national economies, our ability to qualify as a REIT and maintain our exemption from registration as an investment company under the 1940 Act, and the impact of climate change. We provide a summary of the factors impacting our operating results in our 2022 Form 10-K under MD&A – Factors Impacting our Operating Results.

### Critical Accounting Policies and Use of Estimates

Our financial statements are prepared in accordance with GAAP, which requires the use of estimates and assumptions that involve the exercise of judgment and use of assumptions as to future uncertainties. Understanding our accounting policies and the extent to which we make judgments and estimates in applying these policies is integral to understanding our financial statements. We believe the estimates and assumptions used in preparing our financial statements and related footnotes are reasonable and supportable based on the best information available to us as of March 31, 2023. Various uncertainties may materially impact the accuracy of the estimates and assumptions used in the financial statements and related footnotes and, as a result, actual results may vary significantly from estimates.

We have identified the following accounting policies as critical because they require significant judgments and assumptions about highly complex and inherently uncertain matters and the use of reasonably different estimates and assumptions could have a material impact on our reported results of operations or financial condition. These critical accounting policies govern Consolidation, Equity Method Investments, Impairment or the establishment of an allowance under Topic 326 for our Portfolio and Securitization of Financial Assets. We evaluate our critical accounting estimates and judgments on an ongoing basis and update them, as necessary, based on changing conditions. We provide additional information on our critical accounting policies and use of estimates under Item 7. MD&A—Critical Accounting Policies and Use of Estimates in our 2022 Form 10-K and under Note 2 to our financial statements in this Form 10-Q.

#### Financial Condition and Results of Operations

#### **Our Portfolio**

Our Portfolio totaled approximately \$4.7 billion as of March 31, 2023 and included approximately \$2.5 billion of BTM assets and approximately \$2.0 billion of GC assets, with the remainder in FTN assets. Approximately 48% of our Portfolio consisted of unconsolidated equity investments in renewable energy related projects. Approximately 45% consisted of fixed-rate commercial and government receivables and debt securities, which are classified as investments, on our balance sheet, and 7% of our Portfolio was real estate leased to renewable energy projects under lease agreements. Our Portfolio consisted of over 350 transactions with an average size of \$13 million and the weighted average remaining life of our Portfolio (excluding match-funded transactions) of approximately 18 years as of March 31, 2023.

The table below provides details on the interest rate and maturity of our receivables and debt securities as of March 31, 2023:

		Balance	Maturity
	(ii	n millions)	
Fixed-rate receivables, interest rates less than 5.00% per annum	\$	119	2023 to 2047
Fixed-rate receivables, interest rates from 5.00% to 6.50% per annum		347	2024 to 2057
Fixed-rate receivables, interest rates from 6.50% to 8.00% per annum		746	2024 to 2069
Fixed-rate receivables, interest rates from 8.00% to 9.50% per annum		367	2025 to 2035
Fixed-rate receivables, interest rates greater than 9.50% per annum		525	2024 to 2061
Receivables		2,104 (1)	
Allowance for loss on receivables		(43)	
Receivables, net of allowance		2,061	
Fixed-rate investments, interest rates less than 5.00% per annum		4	2035 to 2047
Fixed-rate investments, interest rates from 5.00% to 6.50% per annum		6	2047 to 2051
Total receivables and investments	\$	2,071	

<sup>(1)</sup> Excludes receivables held for sale of \$17 million.

The table below presents, for the debt investments and real estate related holdings of our Portfolio and our interest-bearing liabilities inclusive of our short-term commercial paper issuances and revolving credit facilities, the average outstanding balances, income earned, the interest expense incurred, and average yield or cost. Our earnings from our equity method investments are not included in this table.

	Three Months Ended March 31,		
	2023		2022
	 (dollars in	million	is)
Portfolio, excluding equity method investments			
Interest income, receivables	\$ 42	\$	30
Average balance of receivables	\$ 2,020	\$	1,459
Average interest rate of receivables	8.2 %		8.2 %
Interest income, investments	\$ _	\$	_
Average balance of investments	\$ 12	\$	17
Average interest rate of investments	4.5 %		4.0 %
Rental income	\$ 6	\$	6
Average balance of real estate	\$ 352	\$	357
Average yield on real estate	7.4 %		7.3 %
Average balance of receivables, investments, and real estate	\$ 2,384	\$	1,833
Average yield from receivables, investments, and real estate	8.1 %		8.0 %
Debt			
Interest expense (1)	\$ 37	\$	27
Average balance of debt	\$ 3,096	\$	2,512
Average cost of debt	4.8 %		4.2 %

<sup>(1)</sup> Excludes loss on debt modification or extinguishment included in interest expense in our income statement.

The following table provides a summary of our anticipated principal repayments for our receivables and investments as of March 31, 2023:

		Payment due by Period						
		Total	Less than 1 year		1-5 years	5-10 years		More than 10 years
	<u></u>				(in millions)			
Receivables (excluding allowance)	\$	2,104 \$		57 \$	332	\$ 1,13	1 \$	584
Investments		10		_	1		2	7

See Note 6 to our financial statements in this Form 10-Q for information on:

- · the anticipated maturity dates of our receivables and investments and the weighted average yield for each range of maturities as of March 31, 2023,
- the term of our leases and a schedule of our future minimum rental income under our land lease agreements as of March 31, 2023,
- the Performance Ratings of our Portfolio, and
- · the receivables on non-accrual status.

For information on our securitization assets relating to our securitization trusts, see Note 5 to our financial statements in this Form 10-Q. The securitization assets do not have a contractual maturity date and the underlying securitized assets have contractual maturity dates until 2058.

### **Results of Operations**

Comparison of the Three Months Ended March 31, 2023 vs. Three Months Ended March 31, 2022

	· ·	Three months en	ded March 31,			
		2023	2022	\$ Change	% Change	
			(dollars i	n thousands)		
Revenue						
Interest income	\$	43,108	\$ 30,242	\$ 12,866	43 %	
Rental income		6,487	6,499	(12)	— %	
Gain on sale of receivables and investments		15,719	17,099	(1,380)	(8)%	
Securitization income		3,432	2,741	691	25 %	
Other Income		355	1,895	(1,540)	(81)%	
Total Revenue		69,101	58,476	10,625	18 %	
Expenses						
Interest expense		37,216	26,652	10,564	40 %	
Provision for loss on receivables		1,883	621	1,262	203 %	
Compensation and benefits		18,369	14,929	3,440	23 %	
General and administrative		8,022	7,138	884	12 %	
Total expenses		65,490	49,340	16,150	33 %	
Income (loss) before equity method investments		3,611	9,136	(5,525)	(60)%	
Income (loss) from equity method investments		22,418	47,566	(25,148)	(53)%	
Income (loss) before income taxes		26,029	56,702	(30,673)	(54)%	
Income tax (expense) benefit		(1,431)	(10,999)	9,568	(87)%	
Net income (loss)	\$	24,598	\$ 45,703	\$ (21,105)	(46)%	
					( -)	

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- Net income decreased by \$21 million due to a decrease in equity method investments income of \$25 million and a \$16 million increase in total expenses, offset by an \$11 million increase in total revenue and a \$10 million decrease in income tax expense.
- Total revenue increased by \$11 million due to a \$14 million increase in interest income and securitization income, driven by a higher average Portfolio balance and by higher Managed Assets. This was partially offset by decreases in gain on sale and other income, driven by a change in the mix and volume of assets being securitized and fewer fee generating opportunities.
- Interest expense increased by \$11 million primarily due to a larger average outstanding debt balance and a higher average interest rate. We recorded a \$2 million provision for loss on receivables, driven primarily by loans and loan commitments made during the quarter.
- Compensation and benefits and general and administrative expenses increased by \$4 million due to share-based compensation recognized upon the grant of awards as a result of our retirement policy, as well as additional investment in corporate infrastructure.
- Income (loss) from equity method investments using HLBV allocations decreased by \$25 million primarily due to fewer tax attributes recognized by our co-investors which decreases our HLBV allocation of earnings.
- · Income tax expense decreased by \$10 million primarily due to the decrease in GAAP net income before taxes.

# Non-GAAP Financial Measures

We consider the following non-GAAP financial measures useful to investors as key supplemental measures of our performance: (1) distributable earnings, (2) distributable net investment income, and (3) managed assets. These non-GAAP financial measures should be considered along with, but not as alternatives to, net income or loss as measures of our operating performance. These non-GAAP financial measures, as calculated by us, may not be comparable to similarly named financial measures as reported by other companies that do not define such terms exactly as we define such terms.

#### Distributable Earnings

We calculate distributable earnings as GAAP net income (loss) excluding non-cash equity compensation expense, provisions for loss on receivables, amortization of intangibles, non-cash provision (benefit) for taxes, losses or (gains) from modification or extinguishment of debt facilities, any one-time acquisition related costs or non-cash tax charges and the earnings attributable to our non-controlling interest of our Operating Partnership. We also make an adjustment to our equity method investments in the renewable energy projects as described below. We will use judgment in determining when we will reflect the losses on receivables in our distributable earnings, and will consider certain circumstances such as the time period in default, sufficiency of collateral as well as the outcomes of any related litigation. In the future, distributable earnings may also exclude one-time events pursuant to changes in GAAP and certain other adjustments as approved by a majority of our independent directors.

We believe a non-GAAP measure, such as distributable earnings, that adjusts for the items discussed above is and has been a meaningful indicator of our economic performance in any one period and is useful to our investors as well as management in evaluating our performance as it relates to expected dividend payments over time. As a REIT, we are required to distribute substantially all of our taxable income to investors in the form of dividends, which is a principal focus of our investors. Additionally, we believe that our investors also use distributable earnings, or a comparable supplemental performance measure, to evaluate and compare our performance to that of our peers, and as such, we believe that the disclosure of distributable earnings is useful to our investors.

Certain of our equity method investments in renewable energy and energy efficiency projects are structured using typical partnership "flip" structures where the investors with cash distribution preferences receive a pre-negotiated return consisting of priority distributions from the project cash flows, in many cases, along with tax attributes. Once this preferred return is achieved, the partnership "flips" and the common equity investor, often the operator or sponsor of the project, receives more of the cash flows through its equity interests while the previously preferred investors retain an ongoing residual interest. We have made investments in both the preferred and common equity of these structures. Regardless of the nature of our equity interest, we typically negotiate the purchase prices of our equity investments, which have a finite expected life, based on our underwritten project cash flows discounted back to the net present value, based on a target investment rate, with the cash flows to be received in the future reflecting both a return on the capital (at the investment rate) and a return of the capital we have committed to the project. We use a similar approach in the underwriting of our receivables.

Under GAAP, we account for these equity method investments utilizing the HLBV method. Under this method, we recognize income or loss based on the change in the amount each partner would receive, typically based on the negotiated profit and loss allocation, if the assets were liquidated at book value, after adjusting for any distributions or contributions made during such quarter. The HLBV allocations of income or loss may be impacted by the receipt of tax attributes, as tax equity investors are allocated losses in proportion to the tax benefits received, while the sponsors of the project are allocated gains of a similar amount. The investment tax credit available for election in solar projects is a one-time credit realized in the quarter when the project is considered operational for tax purposes and is fully allocated under HLBV in that quarter (subject to an impairment test), while the production tax credit required for wind projects and electable for solar projects is a ten year credit and thus is allocated under HLBV over a ten year period. In addition, the agreed upon allocations of the project's cash flows may differ materially from the profit and loss allocation used for the HLBV calculations in a given period. We also consider the impact of any OTTI in determining our income from equity method investments.

The cash distributions for those equity method investments where we apply HLBV are segregated into a return on and return of capital on our cash flow statement based on the cumulative income (loss) that has been allocated using the HLBV method. However, as a result of the application of the HLBV method, including the impact of tax allocations, the high levels of depreciation and other non-cash expenses that are common to renewable energy projects and the differences between the agreed upon profit and loss and the cash flow allocations, the distributions and thus the economic returns (i.e. return on capital) achieved from the investment are often significantly different from the income or loss that is allocated to us under the HLBV method in any one period. Thus, in calculating distributable earnings, for certain of these investments where there are characteristics as described above, we further adjust GAAP net income (loss) to take into account our calculation of the return on capital (based upon the underwritten investment rate) from our renewable energy equity method investments, as adjusted to reflect the performance of the project and the cash distributed. We believe this equity method under GAAP net income (loss) in calculating our distributable earnings measure is an important supplement to the HLBV income allocations determined under GAAP for an investor to understand the economic performance of these investments where HLBV income can differ substantially from the economic returns in any one period.

We have acquired equity investments in portfolios of renewable energy projects which have the majority of the distributions payable to more senior investors in the first few years of the project. The following table provides results related to our equity method investments for the three months ended March 31, 2023 and 2022.

	Three months ended March 31,			
	 2023		2022	
	 (in mi	llions)		
Income (loss) under GAAP	\$ 22	\$	48	
Collections of Distributable earnings	\$ 9	\$	8	
Return of Capital	3		5	
Cash collected	\$ 12	\$	13	

Distributable earnings 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), or an indication of our cash flow from operating activities (determined in accordance with GAAP), or a measure of our liquidity, or an indication of funds available to fund our cash needs, including our ability to make cash distributions. In addition, our methodology for calculating distributable earnings may differ from the methodologies employed by other companies to calculate the same or similar supplemental performance measures, and accordingly, our reported distributable earnings may not be comparable to similar metrics reported by other companies.

The table below provides a reconciliation of our GAAP net income (loss) to distributable earnings for the three months ended March 31, 2023 and 2022.

		Three Months Ended March 31,						
•		20	023			20:	22	,
		Per \$ Share			\$	Sha	Per re	
•			(dollars i	n thousands,	except per s	hare amounts)		
Net income (loss) attributable to controlling stockholders		24,106	\$	0.26	\$	45,346	\$	0.51
Distributable earnings adjustments:								
Reverse GAAP (income) loss from equity method investments		(22,418)				(47,566)		
Equity method investments earnings adjustment		33,957				31,598		
Equity-based expenses		9,435				3,540		
Provision for loss on receivables		1,883				621		
Amortization of intangibles		772				839		
Non-cash provision (benefit) for income taxes		1,431				10,999		
Current year earnings attributable to non-controlling interest		492				357		
Distributable earnings (2)	\$	49,658	\$	0.53	\$	45,734	\$	0.52

<sup>(1)</sup> The per share data reflects the GAAP diluted earnings per share and is the most comparable GAAP measure to our distributable earnings per share.

<sup>(2)</sup> Distributable earnings per share are based on 93,266,916 shares for the three months ended March 31, 2023, and 87,206,540 shares for the three months ended March 31, 2022, respectively, which represents the weighted average number of fully-diluted shares outstanding including our restricted stock awards, restricted stock units, long-term incentive plan units, and the non-controlling interest in our Operating Partnership. We include any potential common stock issuances related to share based compensation units in the amount we believe is reasonably certain to vest. As it relates to Convertible Notes, we will assess the market characteristics around the instrument to determine if it is more akin to debt or equity based on the value of the underlying shares upon conversion. If the instrument is more debt-like then we will include any related interest expense and exclude the underlying shares issuable upon conversion of the instrument. If the instrument is more equity-like and is more dilutive when treated as equity then we will exclude any related interest expense and include the weighted average shares underlying the instrument.

#### Distributable Net Investment Income

We have a portfolio of investments in climate solutions that we finance using a combination of debt and equity. We calculate distributable net investment income as shown in the table below by adjusting GAAP-based net investment income for those distributable earnings adjustments that are applicable to distributable net investment income. We believe that this measure is useful to investors as it shows the recurring income generated by our Portfolio after the associated interest cost of debt financing. Our management also uses distributable net investment income in this way. Our non-GAAP distributable net investment income measure may not be comparable to similarly titled measures used by other companies. For further information, see the discussion above related to Distributable Earnings.

The following is a reconciliation of our GAAP-based net investment income to our distributable net investment income:

		Three Months	Ended March	31,
		2023		2022
Interest income	\$	43,108	\$	30,242
Rental income		6,487		6,499
GAAP-based investment revenue		49,595		36,741
Interest expense		37,216		26,652
GAAP-based net investment income		12,379		10,089
Equity method earnings adjustment		33,957		31,598
Amortization of real estate intangibles		772		771
Distributable net investment income	\$	47,108	\$	42,458

# Managed Assets

As we both consolidate assets on our balance sheet and securitize assets off-balance sheet, certain of our receivables and other assets are not reflected on our balance sheet where we may have a residual interest in the performance of the investment, such as servicing rights or a retained interest in cash flows. Thus, we present our investments on a non-GAAP "Managed Assets" basis, which assumes that securitized receivables are not sold. We believe that our Managed Asset information is useful to investors because it portrays the amount of both on- and off-balance sheet receivables that we manage, which enables investors to understand and evaluate the credit performance associated with our portfolio of receivables, investments and residual assets in off-balance sheet securitized receivables. Our management also uses Managed Assets in this way. Our non-GAAP Managed Assets measure may not be comparable to similarly titled measures used by other companies.

The following is a reconciliation of our GAAP-based Portfolio to our Managed Assets:

	As of			
	March 31, 2023		December 31, 2022	
	(in m	illions)		
Equity method investments	\$ 2,250	\$	1,870	
Commercial receivables, net of allowance	1,963		1,887	
Government receivables	98		103	
Receivables held-for sale	17		85	
Real estate	352		353	
Investments	10		10	
GAAP-based Portfolio	4,690		4,308	
Assets held in securitization trusts	5,686		5,486	
Managed Assets	\$ 10,376	\$	9,794	

### Other Metrics

### Portfolio Yield

We calculate portfolio yield as the weighted average underwritten yield of the investments in our Portfolio as of the end of the period. Underwritten yield is the rate at which we discount the expected cash flows from the assets in our Portfolio to determine our purchase price. In calculating underwritten yield, we make certain assumptions, including the timing and amounts of cash flows generated by our investments, which may differ from actual results, and may update this yield to reflect our most current estimates of project performance. We believe that portfolio yield provides an additional metric to understand certain characteristics of our Portfolio as of a point in time. Our management uses portfolio yield this way and we believe that our investors use it in a similar fashion to evaluate certain characteristics of our Portfolio compared to our peers, and as such, we believe that the disclosure of portfolio yield is useful to our investors.

Our Portfolio totaled approximately \$4.7 billion as of March 31, 2023. Unlevered portfolio yield was 7.5% as of March 31, 2023 and 7.5% as of December 31, 2022. See Note 6 to our financial statements and MD&A - Our Business in this Form 10-Q for additional discussion of the characteristics of our portfolio as of March 31, 2023.

#### **Environmental Metrics**

As a part of our investment process, we calculate the estimated metric tons of CO equivalent emissions, or carbon emissions avoided by our investments by applying emissions factor data from the U.S. Government or the International Energy Administration to an estimate of a project's energy production or savings to compute an estimate of metric tons of carbon emissions avoided. We then determine the metric tons of carbon emissions avoided per thousand dollars of investments, in a calculation we refer to as CarbonCount, which enables us to measure the impact our investments have on reducing carbon emissions. We estimate that our investments originated during the quarter ended March 31, 2023, will avoid annual carbon emissions by approximately 92,000 metric tons, equating to a CarbonCount® of 0.24. We estimate that our investments made since 2013 have cumulatively avoided annual carbon emissions by over 23 million metric tons.

### Liquidity and Capital Resources

Liquidity is a measure of our ability to meet potential short term (within one year) and long term cash requirements. We carefully manage and forecast our liquidity sources and uses on a frequent basis. Our sources of liquidity typically include collections from our Portfolio, proceeds from sales and securitizations (including gains-on-sale), fee revenue, proceeds from debt transactions, and proceeds from equity transactions. Our uses of liquidity typically include operating expenses (including cash compensation), interest and principal payments on our debt, shareholder dividends, and funding investments. We maintain sufficiently available liquidity in the form of unrestricted cash and immediately available capacity on our credit facilities to manage our net cash flow.

We typically pay our operating expenses, including interest on our debt, and dividends from collections on our Portfolio and proceeds from sales of Portfolio investments. We use borrowings as part of our financing strategy to increase potential returns to our stockholders and have available to us a broad range of financing sources. We finance our investments primarily with non-recourse or recourse debt, equity and off-balance sheet securitization structures.

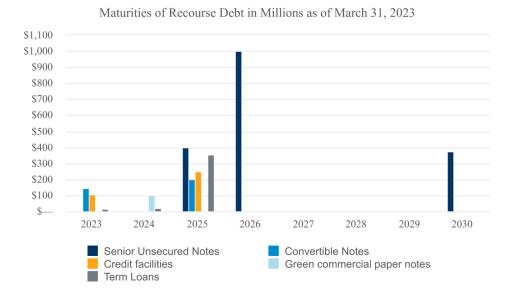
We have adequate liquidity as of March 31, 2023, with unrestricted cash balances of \$142 million, an unsecured revolving credit facility with an unused capacity of \$350 million, and \$2 million of available capacity in our secured revolving credit facilities. As of March 31, 2023, we had used the available \$100 million capacity in our green commercial paper program. During 2023, we have issued \$24 million in equity. As of March 31, 2023, we had \$404 million of non-recourse borrowings, \$1.8 billion of senior unsecured notes, \$383 million in term loans, and \$344 million of Convertible Notes outstanding. For further information, see Note 8 to our financial statements of this Form 10-O.

We also continue to utilize off-balance sheet securitization transactions, where we transfer the loans or other assets we originate to securitization trusts or other bankruptcy remote special purpose funding vehicles that are not consolidated on our balance sheet. We have continued to complete off-balance sheet securitization transactions with large institutional investors such as life insurance companies. As of March 31, 2023, the outstanding balance of our assets financed through the use of these off-balance sheet transactions was approximately \$5.7 billion.

In addition to general operational obligations, which are typically paid as incurred, and dividends, which are declared by our board of directors quarterly, we have future cash needs related to the payments due at maturity on our Senior Unsecured Notes, and loans under our term loan facility and the balances of our short-term commercial paper issuances and revolving credit facilities. We also have maturities related to our non-recourse debt and Convertible Notes. However, as it relates to the non-recourse debt, to the extent there are not sufficient cash flows received from those investments pledged as collateral, the investor has no recourse against other corporate assets to recover any shortfalls and corporate cash contributions would not be

required. As it relates to the Convertible Notes, those obligations may be settled at maturity with the issuance of shares or with cash. For further information on our long-term debt, see Note 8 to our financial statements of this Form 10-Q.

The maturity profile of these obligations are as follows (excluding non-recourse debt):



We plan to raise additional equity capital and continue to use fixed and floating rate borrowings, which may be in the form of short-term commercial paper issuances, revolving credit facilities, recourse or non-recourse debt, convertible securities, repurchase agreements, and public and private debt issuances as a means of financing our business. We also expect to use both on-balance sheet and off-balance sheet securitizations. We may also consider the use of separately funded special purpose entities or funds to allow us to expand the investments that we make or to manage Portfolio diversification.

The decision on how we finance specific assets or groups of assets is largely driven by risk and portfolio and financial management considerations, including the potential for gain on sale or fee income, as well as the overall interest rate environment, prevailing credit spreads and the terms of available financing and market conditions. During periods of market disruptions, certain sources of financing may be more readily accessible than others which may impact our financing decisions. Over time, as market conditions change, we may use other forms of debt and equity in addition to these financing arrangements.

The amount of financial leverage we may deploy for particular assets will depend upon the availability of particular types of financing and our assessment of the credit, liquidity, price volatility and other risks of those assets, and the interest rate environment. As shown in the table below, our debt to equity ratio was approximately 2.0 to 1 as of March 31, 2023, below our current board-approved leverage limit of up to 2.5 to 1. Our percentage of fixed rate debt was approximately 87% as of March 31, 2023, which is within our targeted fixed rate debt percentage range of 75% to 100%. Our targeted fixed rate debt range allows for percentages as low as 70% on a short term basis if we intend to repay or swap floating rate borrowings in the near term.

The calculation of our fixed-rate debt and financial leverage is shown in the chart below:

		March 31, 2023		% of Total	I	Decer	nber 31, 2022	% of Total	l
		(dollar	s in millions)			(dolla	rs in millions)		
(1)	Floating-rate borrowings	\$	439	13	%	\$	431	14	%
	Fixed-rate debt		2,921	87	%		2,545	86	%
	Total debt (2)	\$	3,360	100	%	\$	2,976	100	%
	Equity	\$	1,659			\$	1,665		
	Leverage		2.0 to 1				1.8 to 1		

- (1) Floating-rate borrowings include borrowings under our floating-rate credit facilities and commercial paper issuances with less than six months original maturity, to the extent such borrowings are not hedged using interest rate swaps.
- (2) Fixed-rate debt includes the portion of debt that is hedged using interest rate swaps. Debt excludes securitizations that are not consolidated on our balance sheet.

We intend to use financial leverage for the primary purpose of financing our Portfolio and business activities and not for the purpose of speculating on changes in interest rates. While we may temporarily exceed the leverage limit, if our board of directors approves a material change to this limit, we anticipate advising our stockholders of this change through disclosure in our periodic reports and other filings under the Exchange Act.

While we generally intend to hold our target assets that we do not securitize upon acquisition as long term investments, certain of our investments may be sold in order to manage our interest rate risk and liquidity needs, to meet other operating objectives and to adapt to market conditions. The timing and impact of future sales of receivables and investments, if any, cannot be predicted with any certainty.

We believe our identified sources of liquidity will be adequate for purposes of meeting our short-term and long-term liquidity needs, which include funding future investments, debt service, operating costs and distributions to our stockholders. To qualify as a REIT, we must distribute annually at least 90% of our REIT's taxable income without regard to the deduction for dividends paid and excluding net capital gains. These dividend requirements limit our ability to retain earnings and thereby increase the need to replenish capital for growth and our operations.

### Sources and Uses of Cash

We had approximately \$164 million and \$176 million of unrestricted cash, cash equivalents, and restricted cash as of March 31, 2023 and December 31, 2022, respectively.

### Cash flows relating to operating activities

Net cash provided by operating activities was approximately \$49 million for the three months ended March 31, 2023, driven primarily by net income of \$25 million plus adjustments for non-cash and other items of \$24 million. The non-cash and other adjustments consisted of increases of \$8 million related to equity-based compensation, \$4 million of depreciation and amortization, \$3 million related to changes in accounts payable and accrued expenses and other items, \$2 million related to provision for loss on receivables, and \$37 million in changes in receivables held-for-sale. These were partially offset by decreases of \$11 million related to equity method investments, \$7 million related to gains on securitizations, and \$12 million related to portfolio accrued interest.

Net cash used in operating activities was approximately \$32 million for the three months ended March 31, 2022, driven primarily by net income of \$46 million offset by adjustments for non-cash and other items of \$78 million. The non-cash and other adjustments consisted of \$43 million in changes in receivables held-for-sale, decreases of \$39 million related to equity method investments, \$5 million related to gains on securitizations, \$3 million related to portfolio accrued interest, and \$8 million related to other items. These decreases were partially offset by increases of \$4 million related to equity-based compensation, \$4 million of depreciation and amortization, \$11 million related to changes in accounts payable and accrued expenses, and \$1 million related to provision for loss on receivables.

#### Cash flows relating to investing activities

Net cash used in investing activities was approximately \$449 million for the three months ended March 31, 2023. We made \$97 million of investments in receivables and fixed rate debt-securities, made collateral deposits of \$21 million, and made \$363 million of equity method investments. We collected \$23 million of principal payments from receivables and fixed rate debt-securities, \$1 million from equity method investments in excess of income recognized to date under GAAP, and \$8 million from the sale of receivables and investments.

Net cash used in investing activities was approximately \$95 million for the three months ended March 31, 2022. We made \$35 million of investments in receivables and fixed rate debt-securities, made \$79 million of equity method investments, purchased \$5 million of real estate, and had \$2 million of other investing cash outflows. We collected \$20 million of principal payments from receivables and fixed rate debt-securities and \$6 million from equity method investments in excess of income recognized to date under GAAP.

### Cash flows relating to financing activities

Net cash provided by financing activities was approximately \$388 million for the three months ended March 31, 2023. We received \$312 million from our credit facilities, \$23 million of net proceeds from the issuance of green commercial paper notes, which were offset by \$5 million of payments on credit facilities, \$5 million of principal prepayments on non-recourse debt, \$1 million for withholding requirements resulting from the vesting of employee shares and payments of \$36 million of dividends, distributions and other items.

Net cash provided by financing activities was approximately \$32 million for the three months ended March 31, 2022. We received \$50 million of net proceeds from issuances of common stock and \$25 million of net proceeds from the issuance of green commercial paper notes, which were offset by \$6 million of principal prepayments on non-recourse debt, \$3 million for financing costs, \$2 million for withholding requirements resulting from the vesting of employee shares and paid \$32 million of dividends, distributions and other items.

### **Off-Balance Sheet Arrangements**

We have relationships with non-consolidated entities or financial partnerships, such as entities often referred to as structured investment vehicles, or special purpose or variable interest entities, established to facilitate the sale of securitized assets. Other than our securitization assets (including any outstanding servicer advances) of approximately \$200 million as of March 31, 2023, that may be at risk in the event of defaults or prepayments in our securitization trusts and as discussed below, and except as disclosed in Note 9 to our financial statements in this Form 10-Q, we have not guaranteed any obligations of non-consolidated entities or entered into any commitment or intent to provide additional funding to any such entities. A more detailed description of our relations with non-consolidated entities can be found in Note 2 to our financial statements in this Form 10-Q.

In connection with some of our transactions, we have provided certain limited guarantees to other transaction participants covering the accuracy of certain limited representations, warranties or covenants and provided an indemnity against certain losses from "bad acts" including fraud, failure to disclose a material fact, theft, misappropriation, voluntary bankruptcy or unauthorized transfers. In some transactions, we have also guaranteed our compliance with certain tax matters, such as negatively impacting the investment tax credit and certain other obligations in the event of a change in ownership or our exercising certain protective rights.

#### Dividends

U.S. federal income tax law generally requires that a REIT distribute annually at least 90% of its REIT taxable income, without regard to the deduction for dividends paid and excluding net capital gains, and that it pays tax at regular corporate rates to the extent that it annually distributes less than 100% of its REIT taxable income. Our current policy is to pay quarterly distributions, which on an annual basis will equal or exceed substantially all of our REIT taxable income. The taxable income of the REIT can vary from our GAAP earnings due to a number of different factors, including the book to tax timing differences of income and expense recognition from our transactions as well as the amount of taxable income of our TRS distributed to the REIT. See Note 10 to our financial statements in our Form 10-K regarding the amount of our distributions that are treated as ordinary taxable income to our stockholders.

Any distributions we make will be at the discretion of our board of directors and will depend upon, among other things, our actual results of operations. These results and our ability to pay distributions will be affected by various factors, including the net interest and other income from our assets, our operating expenses and any other expenditures. In the event that our board of directors determines to make distributions in excess of the income or cash flow generated from our assets, we may make such distributions from the proceeds of future offerings of equity or debt securities or other forms of debt financing or the sale of assets. To the extent, that in respect of any calendar year, cash available for distribution is less than our taxable income, or our declared distribution we could be required to sell assets, borrow funds or raise additional capital to make cash distributions or make a portion of the required distribution in the form of a taxable stock distribution or distribution of debt securities. We will generally not be required to make distributions with respect to activities conducted through our domestic TRS.

To the extent that we generate taxable income, distributions to our stockholders generally will be taxable as ordinary income, although all or a portion of such distributions may be designated by us as a qualified dividend or capital gain. Beginning in 2018 (and through taxable years ending in 2025), a deduction is permitted for certain pass-through business income, including "qualified REIT dividends" (generally, dividends received by a REIT shareholder that are not designated as capital gain dividends or qualified dividend income), which will allow U.S. individuals, trusts and estates to deduct up to 20% of such amounts, subject to certain limitations, resulting in an effective maximum U.S. federal income tax rate of 29.6% on such qualified REIT dividends. In the event we make distributions to our stockholders in excess of our taxable income, the excess will constitute a return of capital. In addition, a portion of such distributions may be taxable stock dividends payable in our shares. We will furnish annually to each of our stockholders a statement setting forth distributions paid during the preceding year and their characterization as ordinary income, return of capital, qualified dividend income or capital gain.

The dividends declared in 2022 and 2023 are described in Note 11 to our financial statements in this Form 10-Q.

### **Book Value Considerations**

As of March 31, 2023, we carried only our investments, residual assets in securitized financial assets, and derivatives at fair value on our balance sheet. As a result, in reviewing our book value, there are a number of important factors and limitations to consider. Other than our investments and the residual assets in securitized financial assets that are carried on our balance sheet at fair value as of March 31, 2023, the carrying value of our remaining assets and liabilities are calculated as of a particular point in time, which is largely determined at the time such assets and liabilities were added to our balance sheet using a cost basis in accordance with GAAP, adjusted for income or loss recognized on such assets. Other than the allowance for current expected credit losses applied to our commercial and governmental receivables, our remaining assets and liabilities do not incorporate other factors that may have a significant impact on their value, most notably any impact of business activities, changes in estimates, or changes in general economic conditions, interest rates or commodity prices since the dates the assets or liabilities were initially recorded. Accordingly, our book value does not necessarily represent an estimate of our net realizable value, liquidation value or our fair market value.

### Item 3. Quantitative and Qualitative Disclosures about Market Risk

We anticipate that our primary market risks will be related to the credit quality of our counterparties and project companies, market interest rates, the liquidity of our assets, commodity prices and environmental factors. We will seek to manage these risks while, at the same time, seeking to provide an opportunity to stockholders to realize attractive returns through ownership of our common stock. Many of these risks have been magnified due to the continuing economic disruptions caused by the COVID-19 pandemic; however, while we continue to monitor the pandemic its impact on such risks remains uncertain and difficult to predict.

#### Credit Risks

We source and identify quality opportunities within our broad areas of expertise and apply our rigorous underwriting processes to our transactions, which, we believe, will generally enable us to minimize our credit losses and maintain access to attractive financing. In the case of various renewable energy and other sustainable infrastructure projects, we will be exposed to the credit risk of the obligor of the project's PPA or other long-term contractual revenue commitments, as well as to the credit risk of certain suppliers and project operators. While we do not anticipate facing significant credit risk in our assets related to government energy efficiency projects, we are subject to varying degrees of credit risk in these projects in relation to guarantees provided by ESCOs where payments under energy savings performance contracts are contingent upon achieving pre-determined levels of energy savings. We are exposed to credit risk in our other projects that do not benefit from governments as the obligor such as on balance sheet financing of projects undertaken by universities, schools and hospitals, as well as privately owned commercial projects. We have invested in mezzanine loans and, as a result, we are exposed to additional credit risk. We seek to manage credit risk through thorough due diligence and underwriting processes, strong structural protections in our transaction agreements with customers and continual, active asset management and portfolio monitoring. Nevertheless, unanticipated credit losses could occur and during periods of economic downturn in the global economy, our exposure to credit

risks from obligors increases, and our efforts to monitor and mitigate the associated risks may not be effective in reducing our credit risks.

We utilize a risk rating system to evaluate projects that we target. We first evaluate the credit rating of the obligors involved in the project using an average of the external credit ratings for an obligor, if available, or an estimated internal rating based on a third-party credit scoring system. We then estimate the probability of default and estimated recovery rate based on the obligors' credit ratings and the terms of the contract. We also review the performance of each investment, including through, as appropriate, a review of project performance, monthly payment activity and active compliance monitoring, regular communications with project management and, as applicable, its obligors, sponsors and owners, monitoring the financial performance of the collateral, periodic property visits and monitoring cash management and reserve accounts. The results of our reviews are used to update the project's risk rating as necessary. Additional detail of the credit risks surrounding our Portfolio can be found in Note 6 to our financial statements in this Form 10-Q.

### Interest Rate and Borrowing Risks

Interest rate risk is highly sensitive to many factors, including governmental monetary and tax policies, domestic and international economic and political considerations and other factors beyond our control.

We are subject to interest rate risk in connection with new asset originations and our floating-rate borrowings, and in the future, any new floating rate assets, credit facilities or other borrowings. Because short-term borrowings are generally short-term commitments of capital, lenders may respond to market conditions, making it more difficult for us to secure continued financing. If we are not able to renew our then existing borrowings or arrange for new financing on terms acceptable to us, or if we default on our covenants or are otherwise unable to access funds under any of these borrowings, we may have to curtail our origination of new assets and/or dispose of assets. We face particular risk in this regard given that we expect many of our borrowings will have a shorter duration than the assets they finance. Increasing interest rates may reduce the demand for our investments while declining interest rates may increase the demand. Both our current and future revolving credit facilities and other borrowings may be of limited duration and are periodically refinanced at then current market rates. We attempt to reduce interest rate risks and to minimize exposure to interest rate fluctuations through the use of fixed rate financing structures, when appropriate, whereby we seek to (1) match the maturities of our debt obligations with the maturities of our assets, (2) borrow at fixed rates for a period of time or (3) match the interest rates on our assets with like-kind debt (i.e., we may finance floating rate assets with floating rate debt and fixed-rate assets with fixed-rate debt), directly or through the use of interest rate swap agreements, interest rate cap agreements or other financial instruments, or through a combination of these strategies. We expect these instruments will allow us to minimize, but not eliminate, the risk that we must refinance our liabilities before the maturities of our assets and to reduce the impact of changing interest rates on our earnings. In addition to the use of traditional deri

Typically, our long-term debt, or that of the projects in which we invest if applicable, is at fixed rates or may at times be fixed using interest rate hedges that convert most of the floating rate debt to fixed rate debt. If interest rates rise, and our fixed rate debt balance remains constant, we expect the fair value of our fixed rate debt to decrease and the value of our hedges, if any, on floating rate debt to increase. See Note 3 to our financial statements in this Form 10-Q for the estimated fair value of our fixed rate long-term debt, which is based on having the same debt service requirements that could have been borrowed at the date presented, at prevailing current market interest rates.

We have \$439 million of debt with variable interest rates outstanding as of March 31, 2023, including the unhedged portion of loans under our term loan facility, revolving credit facilities and borrowings under our commercial paper program. Future increases in interest rates would result in higher interest expense while future decreases in interest rates would result in lower interest expense. As described above, we may use various financing techniques including interest rate swap agreements, interest rate cap agreements or other financial instruments, or a combination of these strategies to mitigate the variable interest nature of these facilities. A 50 basis point increase in benchmark interest rates would increase the quarterly interest expense related to the \$439 million in floating-rate borrowings by \$549 thousand. Such hypothetical impact of interest rates on our floating-rate borrowings does not consider the effect of any change in overall economic activity that could occur in a rising interest rate environment. Further, in the event of such a change in interest rates, we may take actions to further mitigate our exposure to such a change. However, due to the uncertainty of the specific actions that would be taken and their possible effects, the analysis assumes no changes in our financial structure.

We record certain of our assets at fair value in our financial statements and any changes in the discount rate would impact the value of these assets. See Note 3 to our financial statements in this Form 10-Q.

#### Liquidity and Concentration Risk

The assets that comprise our Portfolio are not and are not expected to be publicly traded. A portion of these assets may be subject to legal and other restrictions on resale or will otherwise be less liquid than publicly-traded securities. The illiquidity of our assets may make it difficult for us to sell such assets if the need or desire arises, including in response to changes in economic and other conditions. Certain of the projects in which we invest have one obligor and thus we are subject to concentration risk for these investments and could incur significant losses if any of these projects perform poorly or if we are required to write down the value of any of these projects. Many of our assets, or the collateral supporting those assets, are concentrated in certain geographic areas, which may make those assets or the related collateral more susceptible to natural disasters or other regional events. See also "Credit Risks" discussed above.

### Commodity and Environmental Attribute Price Risk

When we make equity or debt investments for a renewable energy project that acts as a substitute for an underlying commodity, we may be exposed to volatility in prices for that commodity. The performance of renewable energy projects that produce electricity can be impacted by volatility in the market prices of various forms of energy, including electricity, coal and natural gas. This is especially true for GC utility scale projects that sell power on a wholesale basis as opposed to BTM projects which compete against the retail or delivered costs of electricity which includes the cost of transmitting and distributing the electricity to the end user. Projects in which we invest, or in which we may plan to invest, may also be exposed to volatility in the prices of environmental attributes, such as renewable energy credits or other similar credits which the project may produce.

Although we generally focus on renewable energy projects that have the majority of their operating cash flow supported by long-term PPAs or leases, many projects have shorter term contracts (which may have the potential of producing higher current returns) or sell their power or environmental attributes in the open market on a merchant basis. The cash flows of certain projects, and thus the repayment of, or the returns available for, our assets, are subject to risk if energy or environmental attribute prices change. We also attempt to mitigate our exposure through structural protections. These structural protections, which are typically in the form of a preferred return mechanism, are designed to allow recovery of our capital and an acceptable return over time. When structuring and underwriting these transactions, we evaluate these transactions using a variety of scenarios, including natural gas prices remaining low for an extended period of time. Despite these protections, as natural gas price volatility continues or PPAs expire, the cash flows from certain projects are exposed to these market conditions and we work with the projects sponsors to minimize any impact as part of our on-going active asset management and portfolio monitoring. We often invest in utility scale solar projects by owning the land under the project where our rent is paid out of project operational costs before the debt or equity in the project receives any payments. Certain of the projects in which we invest may also be obligated to physically deliver energy under PPAs or related agreements, and to the extent they are unable to do so may be negatively impacted. Certain PPAs or related agreements may also price power at a different location than the location where power is delivered to the grid, and the projects may be negatively impacted to the extent to which these prices differ.

We believe high prices in natural gas may increase the demand for other projects such as renewable energy that may be a substitute for natural gas, and that low prices in natural gas may increase demand for some types of projects, such as combined heat and power. We seek to structure our energy efficiency investments so that we typically avoid exposure to commodity price risk. However, volatility in energy prices may cause building owners and other parties to be reluctant to commit to projects for which repayment is based upon a fixed monetary value for energy savings that would not decline if the price of energy declines.

### Environmental Risks

Our business is impacted by the effects of climate change and various related regulatory responses. We discuss the risks and opportunities associated with the impacts of climate change in our Form 10-K Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations - Impact of climate change on our future operations. This discussion outlines potential qualitative impacts to our business, quantitative illustrations of sensitivity as well as our strategy and resilience to these risks and opportunities.

# Risk Management

Our ongoing active asset management and portfolio monitoring processes provide investment oversight and valuable insight into our origination, underwriting and structuring processes. These processes create value through active monitoring of the state of our markets, enforcement of existing contracts and asset management. As described above, we engage in a variety of interest rate management techniques that seek to mitigate the economic effect of interest rate changes on the values of, and returns on, some of our assets. While we have written off only two transactions amounting to approximately \$19 million (net of recoveries) on the approximately \$10 billion of loans and real estate transactions we originated since 2012, which represents an aggregate loss of approximately 0.2% on cumulative such transactions originated over this time period, there can be no assurance that we will continue to be as successful, particularly as we invest in more credit sensitive assets or more equity

investments and engage in increasing numbers of transactions with obligors other than U.S. federal government agencies. We seek to manage credit risk using thorough due diligence and underwriting processes, strong structural protections in our loan agreements with customers and continual, active asset management and portfolio monitoring. Additionally, we have a Finance and Risk Committee of our board of directors which discusses and reviews policies and guidelines with respect to our risk assessment and risk management for various risks, including, but not limited to, our interest rate, counter party, credit, capital availability, and refinancing risks. As it relates to environmental risks, when we underwrite and structure our investments the environmental risks and opportunities are an integral consideration to our investment parameters. While we cannot fully protect our investments, we seek to mitigate these risks by using third-party experts to conduct engineering and weather analysis and insurance reviews as appropriate. Weather related risks are at times managed in cooperation with our clients where they buy offsetting power positions to mitigate power market disruptions or operational impacts. Once a transaction has closed we continue to monitor the environmental risks to the portfolio. We further discuss our strategy to managing these risks in our Form 10-K, Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations - Impact of climate change on our future operations.

# **Item 4. Controls and Procedures**

The Company's Chief Executive Officer and Chief Financial Officer, based on their evaluation of the Company's disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) required by paragraph (b) of Rule 13a-15 or Rule 15d-15, have concluded that as of March 31, 2023, the Company's 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.

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.

### Changes in Internal Controls over Financial Reporting

There have been no changes in the Company's "internal control over financial reporting" (as defined in Rule 13a-15(f) of the Exchange Act) that occurred during the three-month period ended March 31, 2023, that have materially affected, or were reasonably likely to materially affect, the Company's internal control over financial reporting.

### PART II. OTHER INFORMATION

# Item 1. Legal Proceedings

From time to time, we may be involved in various claims and legal actions in the ordinary course of business. As of March 31, 2023, we are not currently subject to any legal proceedings that are likely to have a material adverse effect on our financial position, results of operations or cash flows.

#### Item 1A. Risk Factors

For a discussion of our potential risks and uncertainties, see the information in Item 1A. "Risk Factors" of our 2021 Form 10-K, filed with the SEC, which is accessible on the SEC's website at www.sec.gov.

### Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

# Purchases of Equity Securities by the Issuer and Affiliated Purchasers

During the three months ended March 31, 2023, certain of our employees surrendered common stock owned by them to satisfy their federal and state tax obligations associated with the vesting of their restricted stock awards.

The table below summarizes our repurchases of common stock during 2023. These repurchases are related to the surrender of common stock by certain of our employees to satisfy their tax and other compensation related withholdings associated with the vesting of restricted stock. The price paid per share is based on the closing price of our common stock as of the date of the withholding.

Period	Total number of shares purchased	Average price per share	Total number of shares purchased as part of publicly announced plans or programs	shares that may yet be purchased under the plans or programs	
January 1 - January 31, 2023	6,468	\$ 34.43	N/A	N	N/A
March 1 - March 31, 2023	35,104	31.18	N/A	N	N/A

Maximum number of

There were no OP units held by our non-controlling interest holders exchanged for shares of our common stock 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

Exhibit number	Exhibit description
3.1	Articles of Amendment and Restatement of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (incorporated by reference to Exhibit 3.1 to the Registrant's Form 10-Q for the quarter ended June 30, 2013 (No. 001-35877), filed on August 9, 2013)
3.2	Amended and restated bylaws of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (incorporated by reference to Exhibit 3.1 to the Registrant's Form 8-K (No. 001-35877), filed on December 10, 2021)
3.3	Amended and Restated Agreement of Limited Partnership of Hannon Armstrong Sustainable Infrastructure, L.P. (incorporated by reference to Exhibit 3.3 to the Registrant's Form 10-Q for the quarter ended June 30, 2013 (No. 001-35877), filed on August 9, 2013)
4.1	Specimen Common Stock Certificate of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (incorporated by reference to Exhibit 4.1 to the Registrant's Form S-11 (No. 333-186711), filed on April 12, 2013)
4.2	Indenture, dated as of August 22, 2017, between Hannon Armstrong Sustainable Infrastructure Capital, Inc. and U.S. Bank National Association, as Trustee (incorporated by reference to Exhibit 4.1 to the Registrant's Form 8-K (No. 001-35877), filed on August 22, 2017)
4.3	First Supplemental Indenture, dated as of August 22, 2017, between Hannon Armstrong Sustainable Infrastructure Capital, Inc. and U.S. Bank National Association, as Trustee (including the form of 4.125% Convertible Senior Note due 2022) (incorporated by reference to Exhibit 4.2 to the Registrant's Form 8-K (No. 001-35877), filed on August 22, 2017)
4.4	Second Supplemental Indenture, dated as of August 21, 2020, between Hannon Armstrong Sustainable Infrastructure Capital, Inc. and U.S. Bank National Association, as Trustee (including the form of 0% Convertible Senior Note due 2023) (incorporated by reference to Exhibit 4.1 to the Registrant's Form 8-K (No. 001-35877) filed on August 21, 2020.)
4.5	Indenture, dated as of April 21, 2020, between HAT Holdings I LLC and HAT Holdings II LLC, as issuers, and Hannon Armstrong Sustainable Infrastructure Capital, Inc., Hannon Armstrong Sustainable Infrastructure, L.P., and Hannon Armstrong Capital, LLC, as guarantors, and U.S. Bank National Association, as trustee (including the form of HAT Holdings I LLC and HAT Holdings II LLC's 6.00% Senior Notes due 2025.) (incorporated by reference to Exhibit 4.1 on the Registrant's Form 8-K (No. 001-35877) filed on April 21, 2020)
4.6	Indenture, dated as of August 25, 2020, between HAT Holdings I LLC and HAT Holdings II LLC, as issuers, and Hannon Armstrong Sustainable Infrastructure Capital, Inc., Hannon Armstrong Sustainable Infrastructure, L.P., and Hannon Armstrong Capital, LLC, as guarantors, and U.S. Bank National Association, as trustee (including the form of HAT Holdings I LLC and HAT Holdings II LLC's 3.750% Senior Notes due 2030) (incorporated by reference to Exhibit 4.1 on the Registrant's Form 8-K (No. 011-35877), filed on August 25, 2020.)
4.7	Indenture, dated as of June 28, 2021, between HAT Holdings I LLC and HAT Holdings II LLC, as issuers, and Hannon Armstrong Sustainable Infrastructure Capital, Inc., Hannon Armstrong Sustainable Infrastructure, L.P., and Hannon Armstrong Capital, LLC, as guarantors, and U.S. Bank National Association, as trustee (including the form of HAT Holdings I LLC and HAT Holdings II LLC's 3.375% Senior Notes due 2026) (incorporated by reference to Exhibit 4.1 on the Registrant's Form 8-K (No. 011-35877), filed on June 28, 2021.)
4.8	Indenture, dated as of April 13, 2022 by and among HAT Holdings I LLC and HAT Holdings II LLC, as issuers, and Hannon Armstrong Sustainable Infrastructure Capital, Inc., Hannon Armstrong Sustainable Infrastructure, L.P., and Hannon Armstrong Capital, LLC, as guarantors, and U.S. Bank Trust Company, National Association, as trustee. (incorporated by reference to Exhibit 4.1 on the Registrant's Form 8-K (No. 011-35877) filed on April 15, 2022.)
4.9	First Supplemental Indenture, dated as of April 13, 2022 by and among HAT Holdings I LLC and HAT Holdings II LLC, as issuers, and Hannon Armstrong Sustainable Infrastructure Capital, Inc., Hannon Armstrong Sustainable Infrastructure, L.P., and Hannon Armstrong Capital, LLC, as guarantors, and U.S. Bank Trust Company, National Association, as trustee (including the form of HAT Holdings I LLC's and HAT Holdings II LLC's 0.00% Green Exchangeable Senior Note due 2025).(incorporated by reference to Exhibit 4.2 on the Registrant's Form 8-K (No. 011-35877) filed on April 15, 2022)

10.1	Amendment No. 3 to the At Market Issuance Sales Agreement, dated February 22, 2023, by and among Hannon Armstrong Sustainable Infrastructure Capital, Inc., B. Riley Securities, Inc., Barclays Capital Inc., BofA Securities, Inc., Credit Suisse Securities (USA) LLC, Goldman Sachs & Co. LLC, J.P. Morgan Securities LLC, Morgan Stanley & Co. LLC, Nomura Securities International, Inc., SMBC Nikko Securities America, Inc., Truist Securities, Inc. and Wells Fargo Securities, LLC. (incorporated by reference to Exhibit 1.4 on the Registrant's Form 8-K (No. 011-35877) filed on February 23, 2023)
10.2	Amended and Restated Employment Agreement, dated February 14, 2023, by and between Hannon Armstrong Sustainable Infrastructure Capital, Inc. and Jeffrey Eckel (incorporated by referenced to Exhibit 10.30 on the Registrant's Form 10-K (No. 011-35877) filed on February 21, 2023.)
10.3	Amended and Restated Employment Agreement, dated February 14, 2023, by and between Hannon Armstrong Sustainable Infrastructure Capital, Inc. and Jeffrey Lipson (incorporated by referenced to Exhibit 10.31 on the Registrant's Form 10-K (No. 011-35877) filed on February 21, 2023.)
10.4	Amended and Restated Employment Agreement, dated February 14, 2023, by and between Hannon Armstrong Sustainable Infrastructure Capital, Inc. and Marc Pangburn (incorporated by referenced to Exhibit 10.32 on the Registrant's Form 10-K (No. 011-35877) filed on February 21, 2023.)
31.1*	Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2*	Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1**	Certification of Chief Executive Officer pursuant to section 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes—Oxley Act of 2002
32.2**	Certification of Chief Financial Officer pursuant to section 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes—Oxley Act of 2002
101.INS*	XBRL Instance Document
101.SCH*	Inline XBRL Taxonomy Extension Schema
101.CAL*	Inline XBRL Taxonomy Extension Calculation Linkbase
101.DEF*	Inline XBRL Taxonomy Extension Definition Linkbase
101.LAB*	Inline XBRL Taxonomy Extension Label Linkbase
101. PRE*	Inline XBRL Taxonomy Extension Presentation Linkbase
104	Cover Page Interactive Data File Included as Exhibit 101 (embedded within the Inline XBRL document)

<sup>\*</sup> Filed herewith.

<sup>\*\*</sup> Furnished herewith.

# **SIGNATURES**

Pursuant to the requirements 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.

HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAPITAL, INC.

(Registrant)

Date: May 5, 2023 /s/ Jeffrey A. Lipson

Date: May 5, 2023

Date: May 5, 2023

Jeffrey A. Lipson

Chairman, Chief Executive Officer and President

/s/ Marc T. Pangburn

Marc T. Pangburn

Chief Financial Officer and Executive Vice President

/s/ Charles W. Melko

Charles W. Melko

Chief Accounting Officer, Treasurer and Senior Vice President

#### EXHIBIT 31.1 CERTIFICATIONS

### I, Jeffrey A. Lipson, certify that:

I have reviewed this Quarterly Report on Form 10-Q of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (the "registrant");

- 1. 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;
- 2. 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;
- 3. The registrant's other certifying officer(s) 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 controls 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;
  - 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
- 4. 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 By: /s/ Jeffrey A. Lipson

Name: Jeffrey A. Lipson

Title: Chief Executive Officer and President

### **EXHIBIT 31.2**

# CERTIFICATIONS

# I, Marc T. Pangburn, certify that:

- 1. I have reviewed this Quarterly Report on Form 10-Q of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (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(s) 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 controls 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:
  - 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 By: /s/ Marc T. Pangburn

Name: Marc T. Pangburn

Title Chief Financial Officer and Executive Vice

President

# **EXHIBIT 32.1**

# **CERTIFICATION PURSUANT TO SECTION 906**

# OF THE SARBANES-OXLEY ACT OF 2002, 10 U.S.C. SECTION 1350

In connection with the Quarterly Report on Form 10-Q of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (the "Company") for the period ended March 31, 2023, to be filed with the Securities and Exchange Commission on or about the date hereof (the "report"), I, Jeffrey A. Lipson, Chief Executive Officer and President of the Company, certify, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. Section 1350, that:

The report fully complies with the requirements of Section 13(a) or 15(d) 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.

It is not intended that this statement be deemed to be filed for purposes of the Securities Exchange Act of 1934.

Date: May 5, 2023 By: /s/ Jeffrey A. Lipson

Name:

Jeffrey A. Lipson Chief Executive Officer and President Title:

# **EXHIBIT 32.2**

# **CERTIFICATION PURSUANT TO SECTION 906**

# OF THE SARBANES-OXLEY ACT OF 2002, 10 U.S.C. SECTION 1350

In connection with the Quarterly Report on Form 10-Q of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (the "Company") for the period ended March 31, 2023, to be filed with the Securities and Exchange Commission on or about the date hereof (the "report"), I, Marc T. Pangburn, Chief Financial Officer and Executive Vice President of the Company, certify, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. Section 1350, that:

1. The report fully complies with the requirements of Section 13(a) or 15(d) 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.

It is not intended that this statement be deemed to be filed for purposes of the Securities Exchange Act of 1934.

Date: May 5, 2023 By: /s/ Marc T. Pangburn

Name:

Marc T. Pangburn Chief Financial Officer and Executive Vice President Title: