NY Green Bank Quarterly Metrics Report No.40 (June 30, 2024)

Webinar | September 10, 2024



AGENDA

- PERFORMANCE & PORTFOLIO UPDATE
- OBJECTIVES, MILESTONES & DELIVERABLES
- TRENDS
- WHAT'S COMING NEXT?
- Q&A
- HOW TO STAY IN TOUCH
- APPENDIX



PERFORMANCE & PORTFOLIO UPDATE

Performance at a Glance

Inception through June 30, 2024

OVER \$2.4 BILLION

CUMULATIVE COMMITMENTS

\$84.4 MILLION

Funding Committed (Fiscal Year to Date) \$268.0 MILLION

Cumulative Revenues

\$8.8 BILLION Total Capital Mobilized 145 TRANSACTIONS ACROSS

9 TECHNOLOGY SEGMENTS

1.1 MILLION MWh

65.1 MILLION MMBtu

E48.5 MILLION METRIC TONS

EQUIVALENT TO REMOVING

\$500,207 CARS

from the road for 24 years

ANNUAL EMISSIONS REDUCTION EQUIVALENT TO...



Households' energy use — about the number of households in the Southern Tier





The carbon dioxide sequestered in a year by a 2.6-million-acre forest - larger than

NEW YORK CITY, LONG ISLAND, & WESTCHESTER



Q2 TRANSACTION HIGHLIGHT

SETTLEMENT HOUSING FUND, INC. WITH NYCEEC

NYGB's \$1.75MM participation in the \$3.5MM predevelopment loan will support the development of a Passive House-certified, all-electric, 172-unit affordable building serving a historically disadvantaged community in Coney Island, Brooklyn.

- Transaction amount: \$1.75MM
- Date closed: May 2024
- Lifetime metric tons CO₂e reduced:
 6,844
- Technologies: Building decarbonization
- Location: New York City
- End-use segment: Housing

SETTLEMENT HOUSING FUND, INC. AND BEECHWOOD OPERATING COMPANY LLC WITH NYCEEC

NYGB committed \$1.25MM in a \$2.5MM predevelopment loan to finance the predevelopment expenses for an all-electric 72-unit affordable housing development in the Bronx, NY ("Melrose Concourse").

- Transaction amount: \$1.25MM
- Date closed: May 2024
- Lifetime metric tons CO₂e reduced:
 1,955
- Technologies: Building decarbonization
- Location: New York City
- End-use segment: Housing





"...This participation reflects a strong, shared commitment to collaboration and equitable decarbonization, which will be critical to greening buildings in the state and beyond."

- Curtis Probst, NYCEEC CEO



Q2 2024 TRANSACTIONS – CDF

LEVITICUS FUND

NYGB committed \$18.3MM to a revolving term loan under the Community Decarbonization Fund. The Facility will support building decarbonization projects across New York.

- Transaction amount: \$18.3MM
- Date closed: April 2024
- Lifetime metric tons CO₂e reduced:20,372
- Technologies: Building decarbonization
- Location: Statewide
- End-use segment: Housing

CARVER BANCORP, INC.

NYGB committed \$25.0MM in a revolving term loan under the Community Decarbonization Fund to support building decarbonization projects across New York.

- Transaction amount: \$25.0MM
- Date closed: April 2024
- Lifetime metric tons CO₂e reduced:
 7,255
- Technologies: Building decarbonization
- **Location:** Downstate
- End-use segment: Housing

COMMUNITY DEVELOPMENT LONG ISLAND

NYGB committed \$5.0MM to a revolving term loan under the Community Decarbonization Fund. The Facility will support building decarbonization projects on Long Island.

- Transaction amount: \$5.0MM
- Date closed: May 2024
- Lifetime metric tons CO₂e reduced:2,204
- Technologies: Building decarbonization
- Location: Downstate
- End-use segment: Housing



Q2 2024 TRANSACTIONS

NINEDOT UPSIZE

In June 2023, NineDot closed on a senior-secured revolving credit facility with NYGB. In June 2024, NYGB upsized its initial commitment of \$25.0MM to a total of \$50.0MM. This transaction extends and increases NYGB's standalone storage pre-NTP financing and will contribute to the State's goal to achieve 6 GW of energy storage by 2030.

- Transaction amount: \$25MM upsize (\$50MM aggregate)
- Date closed: June 2024
- Lifetime metric tons CO₂e reduced: 30,393
- Technologies: Energy storage
- Location: New York City
- End-use segment: Community distributed generation

NORBUT SOLAR FARM

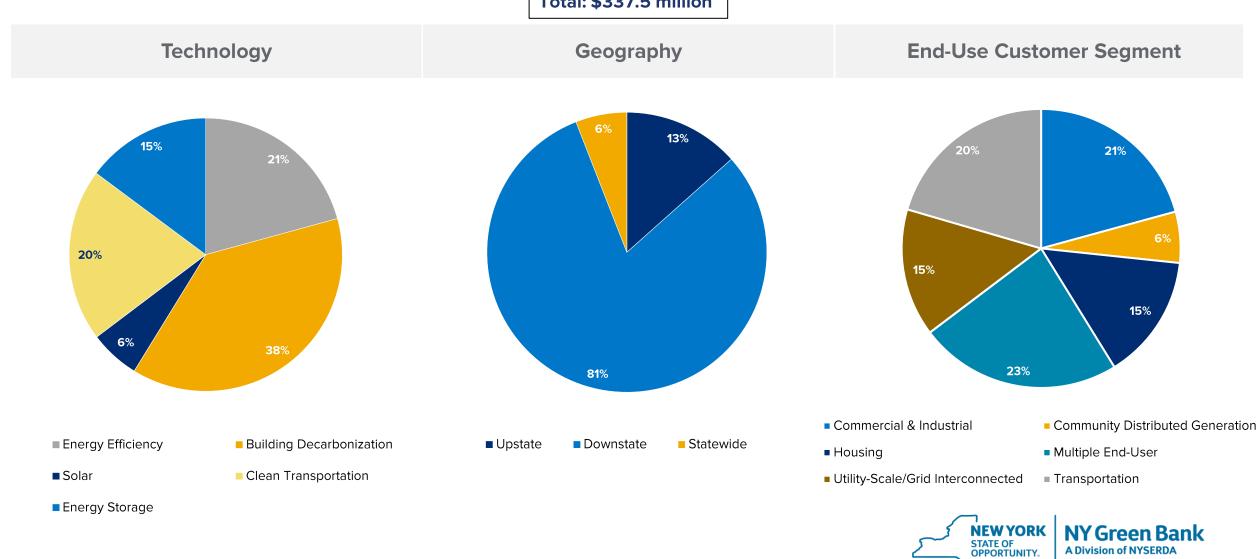
NYGB committed \$8MM to revolving credit facility to finance interconnection payments that will support CDG solar and solar-plus-storage projects in New York State. This was NYGB's first interconnection finance transaction supporting solar + storage.

- Transaction amount: \$8MM
- Date closed: May 2024
- Lifetime metric tons CO₂e reduced: 1.3 million
- Technologies: Solar, Solar + Storage
- Location: Upstate
- **End-use segment:** Community distributed generation



DISTRIBUTION OF ACTIVE Q2 2024 PIPELINE

Total: \$337.5 million



OBJECTIVES, MILESTONES & DELIVERABLES

PROGRESS ON 2024-25 FISCAL YEAR OBJECTIVES

Objective

Deliverable

Progress

Close Funding gaps for building decarbonization, clean transportation, and energy storage

Execute \$60MM of energy storage transactions in the 2024 – 25 Plan Year

In Progress: As of June 30, 2024, NYGB has closed \$29.5MM in energy storage transactions this FY. To continue to grow its storage pipeline, NYGB intends to participate in seven energy storage industry events over the course of the 2024 – 25 Plan Year

Advance climate-equity focus of NYGB's products, services and delivered benefits

Execute \$80MM of transactions under the Community Decarbonization Fund

In Progress: As of June 30, 2024, NYGB has executed \$48.3MM of Community Decarbonization Fund transactions this FY. This was across three transactions with CDFIs: Carver, Leviticus, and CDLI.

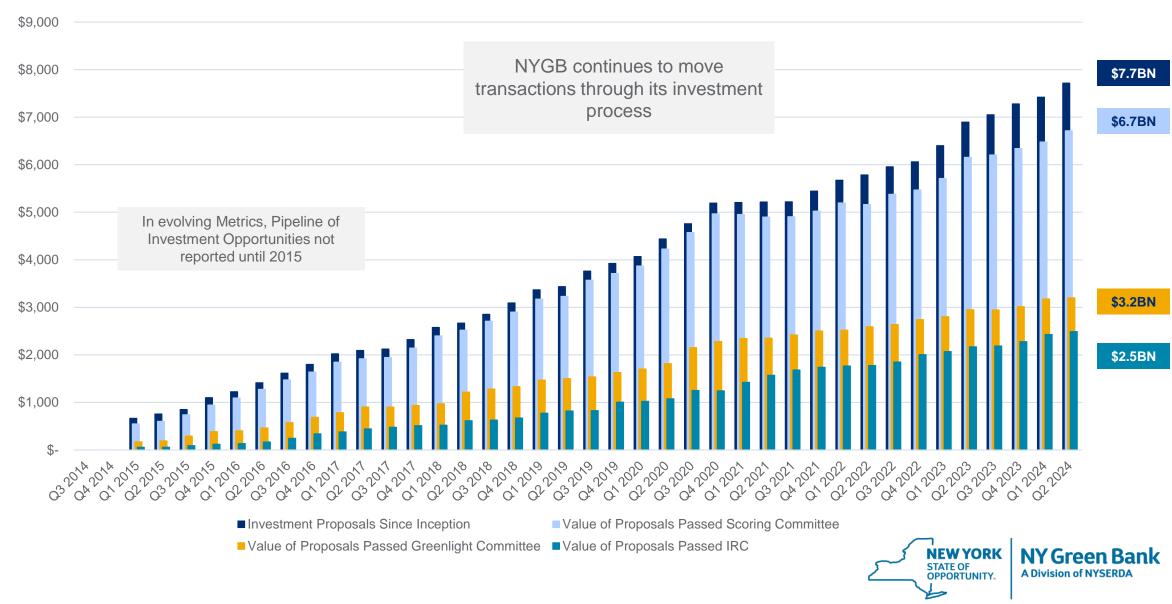
Improve transparency and capacity-building to support the NYS climate finance ecosystem Publish key findings and takeaways from NYGB's Climate Risk & Resilience assessment to demonstrate how NYGB approaches climate risk considerations relevant to its investment portfolio In Progress: Building upon the 2023 Climate Risk and Resilience Request for Proposals ("RFP"), NYGB started working with Arcadis to categorize the NYGB portfolio by technology type and microclimate to do an initial climate risk assessment that will inform subsequent, more in-depth analysis.

Develop a new strategy by participating in CEF review process and file petition Hold 5 roundtable stakeholder engagement sessions to solicit feedback on how NYGB can better support market transformation in priority market segments Achieved: NY Green Bank has facilitated five roundtable discussions this fiscal year as a part of its stakeholder engagement process in preparation for its CEF petition filing. Specific discussions have included: Accessibility and Equity, Clean Transportation, Energy Storage, Building Decarbonization, Engaged Stakeholder Webinar, and Financial Institutions.

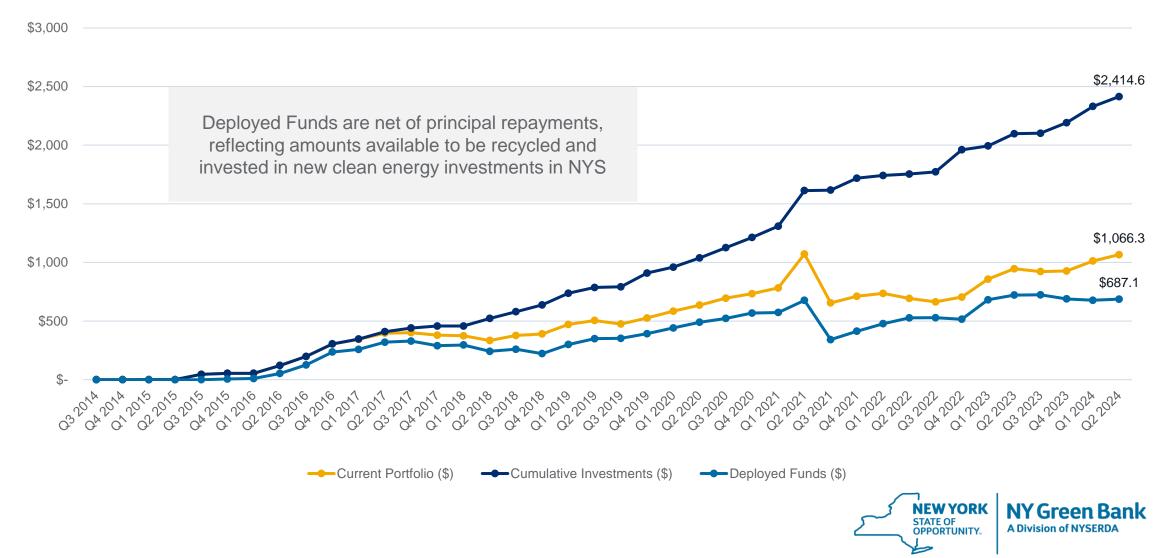


TRENDS

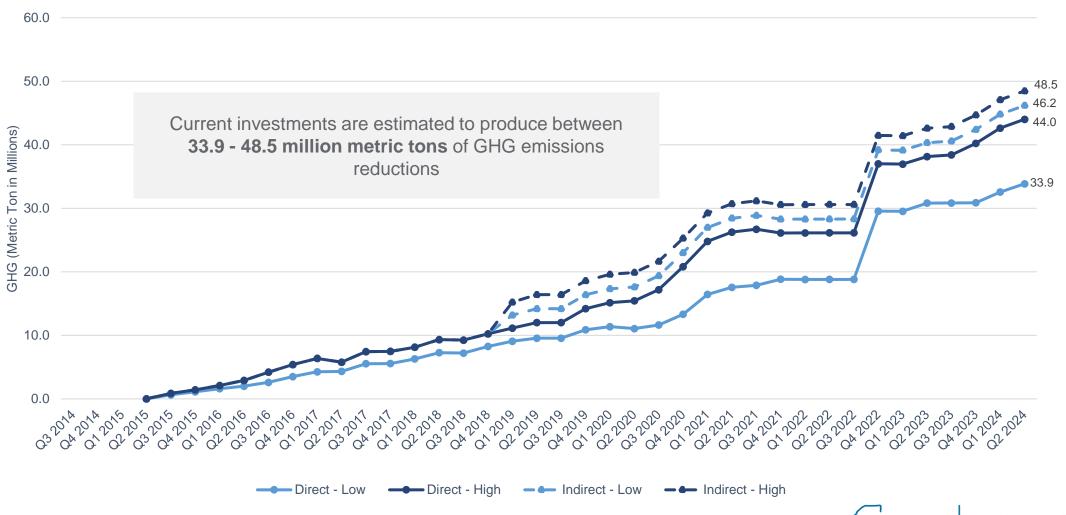
NYGB PIPELINE OF PROPOSALS & APPROVALS



CUMULATIVE INVESTMENTS, CURRENT PORTFOLIO & CURRENT DEPLOYED FUNDS

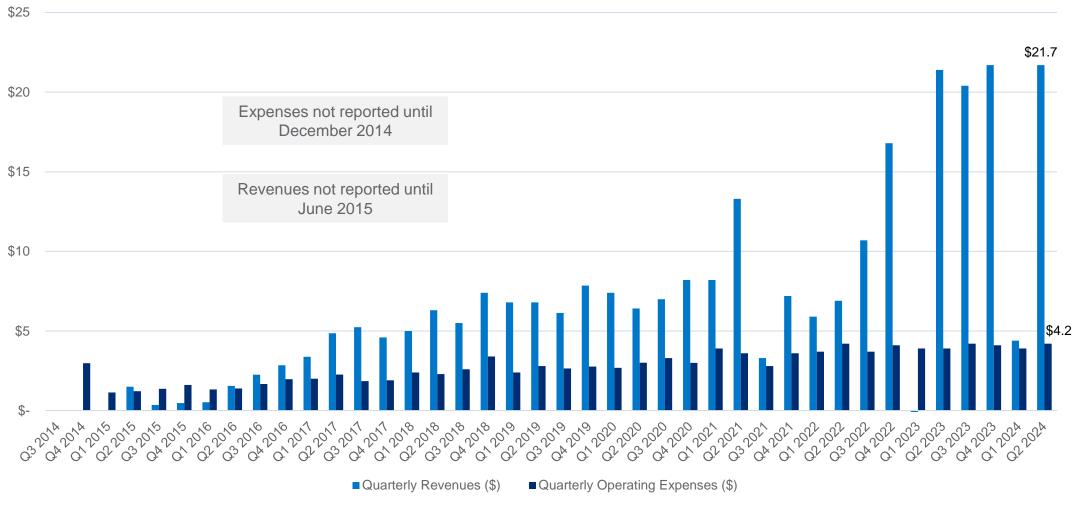


ESTIMATED GROSS LIFETIME GHG EMISSION REDUCTIONS



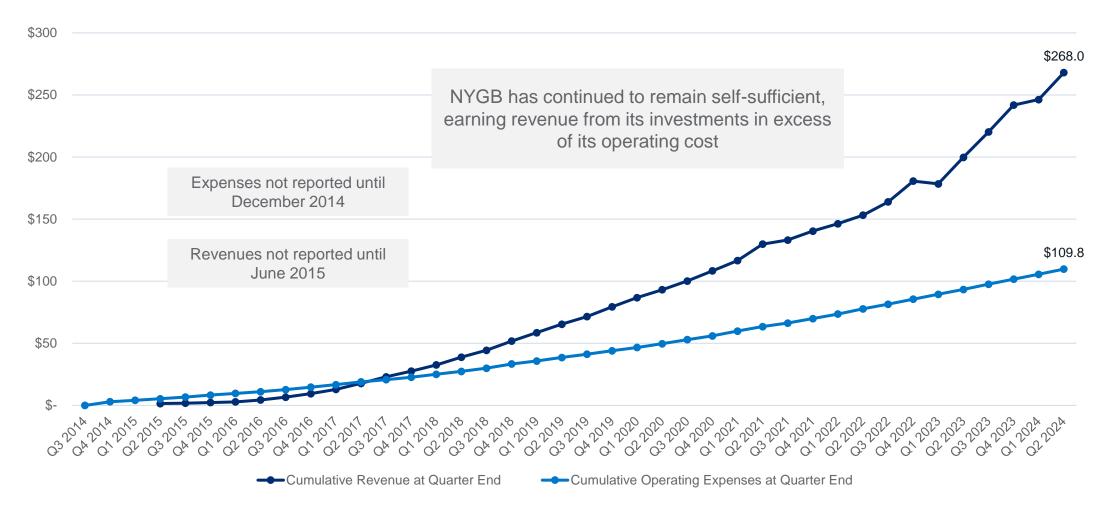


QUARTERLY REVENUES VS. EXPENSES



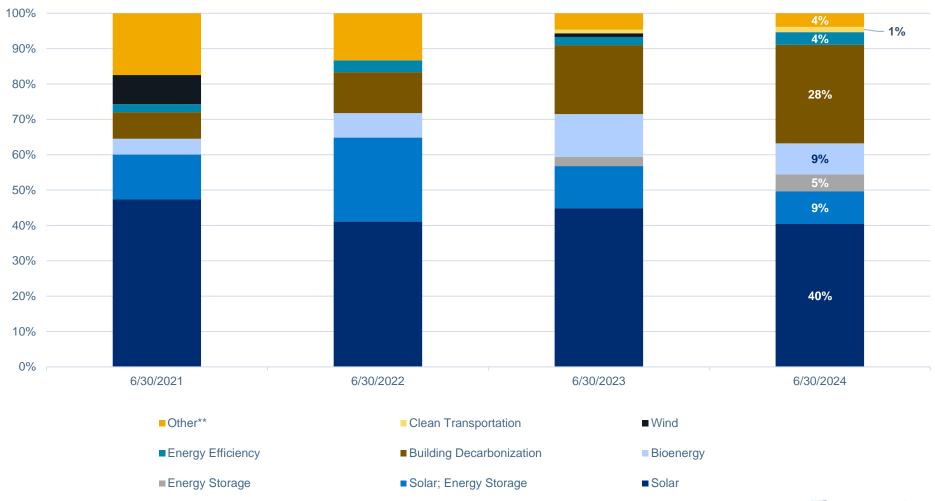


CUMULATIVE REVENUES VS. EXPENSES



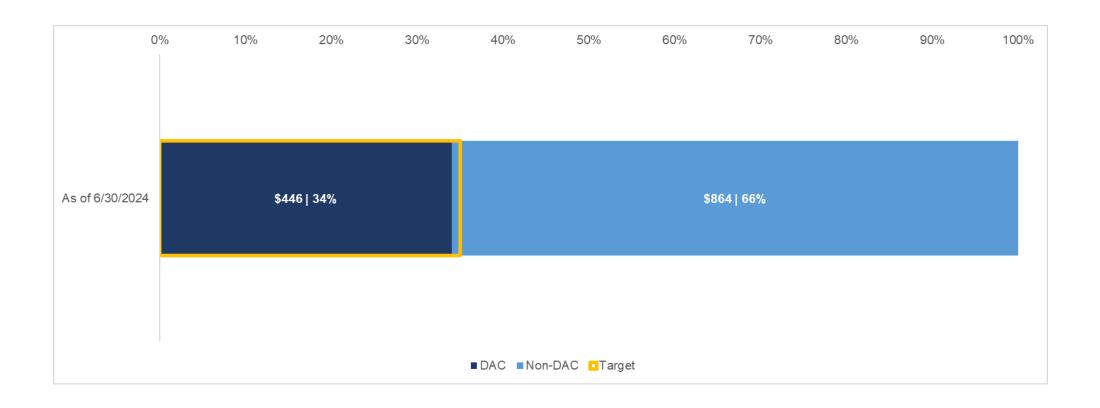


PORTFOLIO CONCENTRATIONS OVER TIME





PROGRESS TOWARD 35% DISADVANTAGED COMMUNITY COMMITMENT TARGET





WHAT'S COMING NEXT?

WHAT'S COMING NEXT?

RE+ (FEATURING SPI & ESI)

September 9 – 12, Anaheim, CA | RE+, SEPA, & SEIA

 Managing Director Trond Rokholt to speak on a panel "Closing Financing Gaps in Energy Storage," discussing lender challenges and solutions, including predevelopment and equipment financing, tax credit monetization, etc.

REFF WALL STREET

September 18-19, New York NY I IJGlobal

 Vice President Maximilian Heering to speak on panel "Energy storage: regional dynamics and commercial arrangements."

INNSURE CLIMATE FORUM

September 23-25, New York NY I InnSure

Managing Director Greg Randolph to speak on a panel "Government's Role in the Energy Transition"

GBN CLIMATE WEEK EVENT

September 25, New York NY | NRDC

Managing Director Kelsey Clair to speak on "Mitigation Finance – Decarbonizing the Power Sector" panel.



WHAT'S COMING NEXT?

NYU REAL ESTATE SUSTAINABILITY

September 27, New York, NY I NYU Stern RE Club

 Managing Director David Davenport to speak on panel "Financing the Sustainable City," covering building electrification.

GLOBAL LEADERS IN REAL ESTATE SUMMIT

October 15, New York, NY I iGlobal Forum

 Managing Director Trond Rokholt to speak on CPACE panel discussing its impact on CRE portfolios and green financing.

SOLAR & STORAGE FINANCE USA SUMMIT

October 22, New York, NY | Solar Media

 Vice Presidents Kaitlin Butler and Maximilian Heering to speak about solar and storage financing from predevelopment to construction

NEW YORK POWER SUMMIT

November 13-14, New York, NY | EUCI

 Vice President Kaitlin Butler to speak on "Adapting New York's Ambitious Climate Goals: Business Strategies, Initiatives and Hurdles – Policy Updates."

GREEN HYDROGEN SUMMIT NORTH AMERICA

November 19-20, Philadelphia, PA | Infocast

 Managing Director Kelsey Clair to speak on panel about Bipartisan Infrastructure Law's impact on clean energy.



A&Q

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APPENDIX

PROGRESS ON FY 2024-25 DELIVERABLES

ID#	DELIVERABLE	PROGRESS			
	Objective 1: Close funding gaps for building decarbonization, clean transportation, and energy storage transactions that support progress towards the Climate Act and other State policies and public commitments				
1.1	Execute \$45M of affordable housing transactions	✓ In process: As of June 30, NYGB has made \$3.1MM of commitments toward this \$45MM annual goal and is working on \$61.9MM of affordable housing transactions in the active pipeline. The transactions closed in Q2 that contribute to this goal are NYCEEC SHF Coney Island and NYCEEC SHF Melrose Concourse.			
1.2	Execute \$25MM of building decarbonization transactions that benefit disadvantaged communities	✓ In process: As of June 30, NYGB has made \$3.1MM of commitments toward this \$25MM annual goal and is working on \$35.1MM of building decarbonization transactions that benefit disadvantaged communities in the active pipeline. The transactions closed in Q2 that contribute to this goal are NYCEEC SHF Coney Island and NYCEEC SHF Melrose Concourse.			
1.3	Execute \$40MM of clean transportation transactions	✓ In process: As of June 30, NYGB has not made any commitments toward this \$40MM annual goal but is working on \$69.1MM of clean transportation transactions in the active pipeline.			
1.4	Execute \$60MM of energy storage transactions	✓ In process: As of June 30, NYGB has made \$29.5MM of commitments toward this \$60MM annual goal and is working on \$50.0MM of energy storage transactions in the active pipeline. The transactions closed in Q2 that contribute to this goal are Norbut Solar Farm and NineDot Upsize.			
	ive 2: Advance the climate-equity focus of NYGB's prod ble energy transition for all New Yorkers	ducts, services, and delivered benefits to support an			
2.1	Execute \$80M of transactions under the Community Decarbonization Fund	✓ In process: As of June 30, NYGB has made \$48.3MM of commitments toward this \$80MM annual goal. The transactions closed in Q2 that contribute to this goal are Carver Federal Savings Bank, Leviticus Fund, and Community Development Long Island.			
2.2	Achieve at least 35% of investment commitments benefitting disadvantaged communities	In process: As of June 30, 34% of investment commitments that NYGB has made since January 1, 2020 have benefitted disadvantaged communities (DACs). In tracking progress toward this target, NYGB has worked closely with NYSERDA Business Performance Management team to align DAC progress calculations alignment with the final DAC definition established by the Climate Justice Working Group as well as the latest Investment and Benefits Reporting Guidance. ²⁴			
2.3	Establish an annual Equity Roundtable meeting with key stakeholders in New York State to solicit feedback on how NYGB can continue to support an equitable energy transition for all New Yorkers				



PROGRESS ON FY 2024-25 DELIVERABLES

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ID#	DELIVERABLE	PROGRESS
Object	ve 3: Improve transparency and capacity-building sup	port to the NYS climate finance ecosystem
3.1	Share aggregated and anonymized transaction data from NYGB's investments in priority market segments on NYGB's website to increase transparency in the market regarding key terms	☑ In process: In Q2, NYGB started the internal data gathering and analysis that will inform what transaction data and corresponding insights that NYGB is able to share. NYGB has completed the initial gathering and analysis for 10% of its historical transactions.
3.2	Host 3 events highlighting NYGB's underwriting practices in priority market segments to promote replicability of NYGB transaction structures	☑ Not started: As of June 30, NYGB has not started organizing the three events highlighting NYGB's underwriting practices, however planning will commence in Q3.
3.3	Publish key findings and takeaways from NYGB's Climate Risk & Resilience assessment to demonstrate how NYGB approaches climate risk considerations relevant to its investment portfolio	☑ In process: Building upon the launch of its Climate Risk & Resilience RFP at the end of the 2023-24 fiscal year, in June NYGB started working with the awarded contractor, Arcadis, to better understand, summarize, and quantify the physical climate risks to which assets financed by NYGB are exposed. Early stages of this project have involved fine-tuning the methodology for conducting the climate risk assessments, such as creating technology archetypes, identifying NYS microclimates, and analyzing NYGB portfolio data.
	ive 4: Develop a new strategy by participating in the CE odification Order given by the NYS Public Service Com	
4.1	Hold 5 roundtable stakeholder engagement sessions to solicit feedback on how NYGB can better support market transformation in priority market segments	☑ Achieved: To inform NYGB's overall approach to its petition filing, NYGB completed an extensive stakeholder engagement process in close collaboration with NYSERDA leadership and the Department of Public Service (DPS). In Q2, NYGB held five specific roundtables sessions on the following topics or with the following audiences: Clean Transportation, Energy Storage, Building Decarbonization, Financial Institutions, and Engaged Stakeholders (groups or individuals who have commented on previous NYGB public filings). These roundtables are in addition to an Accessibility and Equity Roundtable that NYGB held in the 2023 – 24 fiscal year, as well as a presentation to the Energy Equity Collaborative that took place in April 2024 and led to subsequent 1:1 stakeholder meetings.
4.2	Provide a qualitative and quantitative assessment of NYGB's performance and impact since inception through March 31, 2024	☑ In process: NYGB is in the process of completing its petition filing, which will be filed by no later than October 31, 2024. Throughout the filing, NYGB will provide both overall and sector- specific quantitative and qualitative assessments of NYGB's performance and impact since inception through March 31, 2024.
4.3	Identify any potential program modifications to include in NYGB's updated strategy proposal for the 2026-2030 time period	☑ In process: NYGB is in the process of completing its petition filing, which will be filed by no later than October 31, 2024. While the original due date for the petition was July 1, 2024, NYGB requested additional time necessary to determine appropriate commitments to propose for the 2026-2030 timeframe that are aligned with expanded metrics and future directions of NYGB.
4.4	Propose a strategy for how NYGB intends to use funds received through the Greenhouse Gas Reduction Fund as it relates to NYGB's use of ratepayer capital	☑ In process: In early April 2024, NYGB was informed that it would be a recipient of National Clean Investment Fund (NCIF) funding as a sub-awardee of the Coalition for Green Capital's (CGC) \$5B award. At this time of this report being drafted, NYGB is still in the negotiation process with CGC to determine the exact amount of NYGB's portion of CGC's NCIF award while CGC is simultaneously negotiating terms of its award with the Environmental Protection Agency (EPA). NYGB's selection of specific types of projects that it will support through the use of NCIF funds is dependent on the finalization of award terms and additional federal reporting and compliance requirements. NYGB will be prepared to provide more detail regarding its use of NCIF funds in either its CEF petition filing or a subsequent Quarterly Metrics Report depending on the timing of NCIF awards being finalized.



QUARTERLY METRICS

Quarterly Metric	Quarter Ended March 31, 2024	Quarter Ended June 30, 2024
Capital Position		
Authorized Capital (\$)	\$1.0 billion	\$1.0 billion
Authorized Administrative Expenses (\$)	\$17.6 million	\$17.6 million
Authorized Evaluation Expenses (\$)	\$4.0 million	\$4.0 million
Operational Matters		
Cumulative Revenues (\$).12	\$246.3 million	\$268.0 million
Cumulative Operating Expenses (\$).13	\$105.6 million	\$109.8 million
Direct Operating Expenses (\$)	\$65.9 million	\$68.5 million
Allocated Expenses (\$)	\$39.7 million	\$41.3 million
Investment Portfolio		
Undrawn Committed Funds (\$)	\$334.9 million	\$379.2 million
Deployed Funds (\$).14	\$677.4 million	\$687.1 million



¹² Cumulative Revenues include quarterly fair market value adjustments related to NYGB capital held in U.S. Treasury securities, consistent with U.S. generally accepted accounting principles. In addition, Cumulative Revenues are always stated net of impairments.

¹³ Cumulative Operating Expenses currently include \$1,112,705.33 in evaluation expenses.

¹⁴ Deployed Funds as presented in Table 2 are net of all capital repaid to the reporting date.

QUARTERLY METRICS

Quarterly Metric	Quarter Ended March 31, 2024	Quarter Ended June 30, 2024
Current Portfolio (\$).15	\$1,012.3 million	\$1,066.3 million
Investment Pipeline		
Active Pipeline (In the Quarter) (\$)	\$216.7 million	\$337.5 million
Investment Process		
Proposals and Approvals		
Proposals Received – Value (Cumulative) (\$)	\$7.4 billion	\$7.7 billion
Approvals - Scoring Committee (Cumulative) (\$)	\$6.5 billion	\$6.7 billion
Approvals - Greenlight Committee (Cumulative) (\$)	\$3.2 billion	\$3.2 billion
Approvals - IRC (Cumulative) (\$)	\$2.4 billion	\$2.5 billion
Investment Characteristics		
Overall Investments to Date (\$)	\$2.3 billion	\$2.4 billion
Total Project Costs (Cumulative) (\$) 16	In the range of \$6.3	In the range of \$6.9
	billion to \$7.9 billion	billion to \$8.8 billion
Mobilization Ratio	Tracking at least 6.3:1	Tracking at least 6.9:1
	on average across	on average across
D (C II C) (0) 17	portfolio	portfolio
Portfolio Concentrations (%). ¹⁷	See Figure 11	See Figure 11
Number & Type of NYGB Investments	See Table 3	See Table 3
Number & General Type of NYGB Counterparties. ¹⁸	93 – Financial	97 – Financial
	Services, Industry, or	Services, Industry, or
D. L. C	Other	Other
Public Commitments	2.40/	2.40/
Percentage of Commitments Benefitting Disadvantaged Communities (%) 19	34%	34%
\$200 million toward energy storage-related investments (%)	40%	54%
\$150 million for clean energy improvements in affordable housing properties (%)	41%	43%
\$100 million in financing to help clean transportation businesses locate or expand in New York (%)	19%	19%
Up to \$100 million in support of port infrastructure projects (%)	0%	0%

- 15 Current Portfolio, means, at any time, the sum of Committed Funds and Deployed Funds and represents the dollar value of the Investment Portfolio. The dollar value of the Current Portfolio is expected to fluctuate from quarter to quarter, including to reflect any increases or decreases in Committed Funds and/or Deployed Funds. Committed Funds increase when new transactions are executed with commitments that have not vet been funded, and/or in connection with existing transactions, where repaid amounts may be available to be redrawn pursuant to the terms of investment agreements. Deployed Funds increase where the total dollars funded into investments exceed amounts repaid in the same period. Decreases in Committed Funds occur, for example, in connection with the release of undrawn funds at the end of an availability period or otherwise consistent with the terms of an investment, while decreases in Deployed Funds occur primarily when NYGB investments are repaid from time to time, allowing those monies to be recycled into new clean energy investments in the State, generating further benefits for ratepayers. Note that due to rounding for the purposes of presentation in this Report, the sum of Committed Funds and Deployed Funds may not be identical to Current Portfolio. In addition, Current Portfolio is always stated net of any portfolio losses.
- Further to the definition of "Total Project Costs (Cumulative)" in the Metrics Plan, Total Project Costs (Cumulative) may include fair market value ("FMV") data for a subset of NYGB's investments. FMV is an estimated market valuation of fully installed energy projects provided by NYGB's counterparties and is often required for federal income tax purposes by institutional investors and for certain grant program purposes unconnected with NYGB. As projects progress and the cost of installed equipment and labor are known and reported to NYGB by its counterparties, NYGB seeks to adjust reported values and replace FMV in its aggregated data sets and periodic reporting with reported actual costs.
- ¹⁷ Based on executed transactions and reflecting dollar values invested by NYGB in renewable energy and energy efficiency transactions, each as a proportion of the Current Portfolio, the sum of Committed Funds and Deployed Funds and represents the dollar value of the Investment Portfolio.
- ¹⁸ In reporting the number and type of NYGB counterparties, NYGB seeks to reflect counterparties that are discrete (i.e., where NYGB is involved in different transactions with the same counterparty, that party is counted only once for the purposes of this metric); and directly in the transaction with NYGB (i.e., vendors or other counterparties to NYGB's clients or expected future transaction participants are not counted)



QUARTERLY METRICS

Quarterly Metric	Quarter Ended March 31, 2024	Quarter Ended June 30, 2024		
Direct Impact Benefits 21				
Lifetime				
Total Energy Savings (MMBtu equivalent) ²²	Up to 47,980,000 MMBtu	Up to 48,708,000 MMBtu		
Electricity Savings (MWh)	610,000 - 1,110,000 MWh	610,000 - 1,110,000 MWh		
Natural Gas Fuel Savings (MMBtu)	42.2 - 64.3 million MMBtu	42.6 - 65.1 million MMBtu		
Other Fuel Savings (MMBtu)	0 MMBtu	0 MMBtu		
Distributed Solar Capacity (Renewable MW)	1,299 - 1,685 MW	1,405 - 1,797 MW		
Annual				
Total Energy Savings (MMBtu equivalent)	Up to 1,871,000 MMBtu	Up to 1,907,000 MMBtu		
Electricity Savings (MWh)	41,000 - 68,000 MWh	41,000 - 68,000 MWh		
Natural Gas Fuel Savings (MMBtu)	2,442,000 - 3,650,000 MMBtu	2,458,000 - 3,686,000 MMBtu		
Other Fuel Savings (MMBtu)	0 MMBtu	0 MMBtu		
Indirect Impact Benefits 23				
Lifetime				
Total Energy Savings (MMBtu equivalent)	0 MMBtu	0 MMBtu		
Electricity Savings (MWh)	0 MWh	0 MWh		
Natural Gas Fuel Savings (MMBtu)	0 MMBtu	0 MMBtu		
Other Fuel Savings (MMBtu)	0 MMBtu	0 MMBtu		
Distributed Solar Capacity (Renewable MW)	9 - 26 MW	9 - 26 MW		
Annual				
Total Energy Savings (MMBtu equivalent)	0 MMBtu	0 MMBtu		
Electricity Savings (MWh)	0 MWh	0 MWh		
Natural Gas Fuel Savings (MMBtu)	0 MMBtu	0 MMBtu		
Other Fuel Savings (MMBtu)	0 MMBtu	0 MMBtu		
Lifetime Emission Reductions				
Direct (metric tons CO _{2e})	32.6 - 42.6 million metric tons	33.9 – 44.0 million metric tons		
Indirect (metric tons CO _{2e})	2.2 - 4.5 million metric tons	2.2 - 4.5 million metric tons		

²¹ For Committed and Deployed Funds.

NEW YORK

OPPORTUNITY

STATE OF

NY Green Bank

A Division of NYSERDA

Total Energy Savings measures the combined electricity and fuel savings net of usage; therefore, may not sum to the total of individual electric and fuel savings values. Projects not dedicated to building energy efficiency, including fuel cell projects, are excluded from Total Energy Savings, and Natural Gas Fuel Savings.

²³ NYGB reports and tracks indirect impact benefits to reflect the contribution to NYS clean energy goals made by NYGB activities and related to incremental value for all NYS consumers.