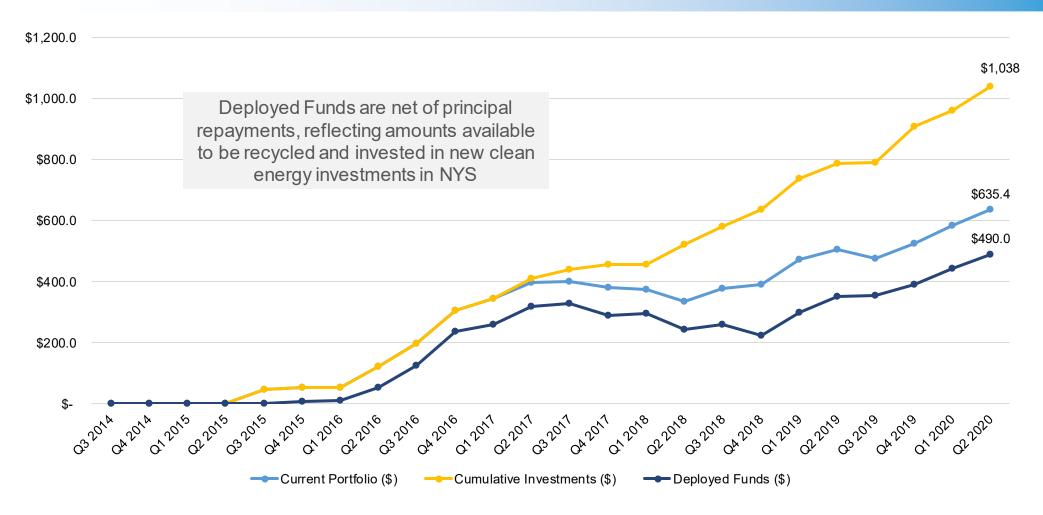


Cumulative Investments, Current Portfolio & Current Deployed Funds



Agenda



- Performance
- Portfolio Update
- Objectives, Milestones & Deliverables
- Trends
- What's Coming Next?
- Stay In Touch with NY Green Bank
- Q&A

Performance & Portfolio Update



Performance at a Glance



Cumulative commitments of over \$1.0 billion

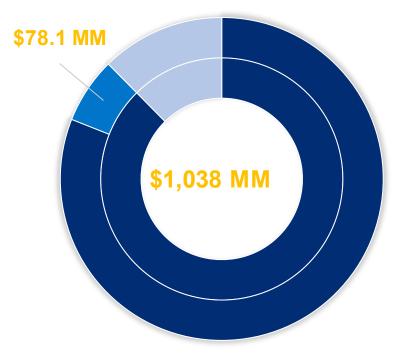
\$78.1 million
committed across 8
investments during the
quarter

\$2.9 billion in NYS project costs

Generated \$93.2 million of cumulative revenue

Expected to deliver an estimated 11.1 - 19.9 million metric tons of CO_{2e} emissions reductions

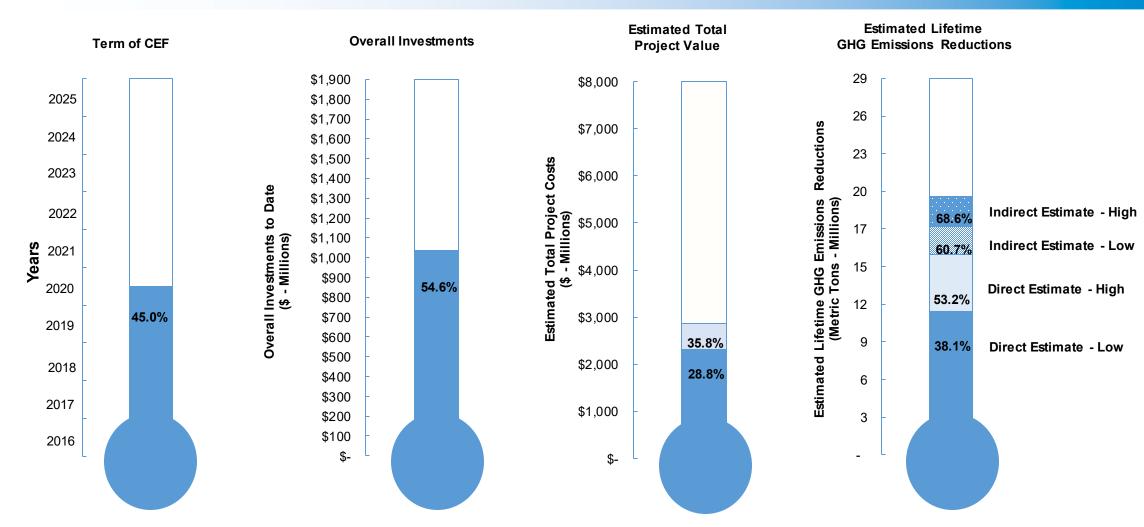
Overall Investments to Date



- Investments to Date
- Commitments During Quarter
- Remaining to Meet FY Target

Progress Toward Targets





Q2 2020 Transactions



Valcour OpCo Upsize

- Increased existing commitment by \$7.3 MM
- Supporting extended lifetime for over 600 MW of wind capacity
- Expected emission reductions during additional years of operation: 1.5 million MT

Generate Capital Term Loan 1 & 2

- \$26.9 million across two back-leveraged credit facilities
- Financing the acquisition of 14 CDG solar projects totaling 40 MW
- Expected emission reductions: 583,907 MT

BQ Energy – Mt. Kisco

- \$2.3 MM constructionto-term loan
- CDG solar plus storage on brownfield site
- Expected emission reductions: 10,023 MT

Q2 2020 Transactions



East Light Partners

- \$3.0 MM bridge loan facility
- Financing latestage development of CDG and utilityscale solar projects
- Expected emission reductions: 754,228 MT

Ecosave Upsize

- Increased existing multidraw term loan by \$15.0 MM
- EE for mediumsized, unrated C&I
- Expected emission reductions: 131,393 MT

Distributed Sun – Sun X

- \$3.8 MM term loan
- Financing deployment of up to 39.8 MW CDG solar
- Expected emission reductions: 497,070 MT

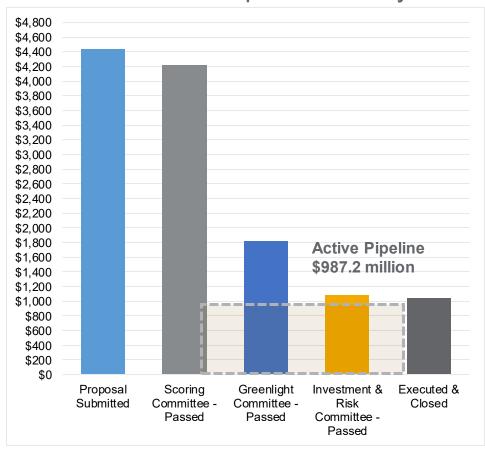
NineDot

- \$19.9 MM bridge loan facility
- Supporting development of 12.5 MW CDG fuel cell portfolio
- Expected emission reductions: 147,507 MT

Transaction Status & Pipeline



Cumulative Pipeline Activity



Inception through June 30, 2020

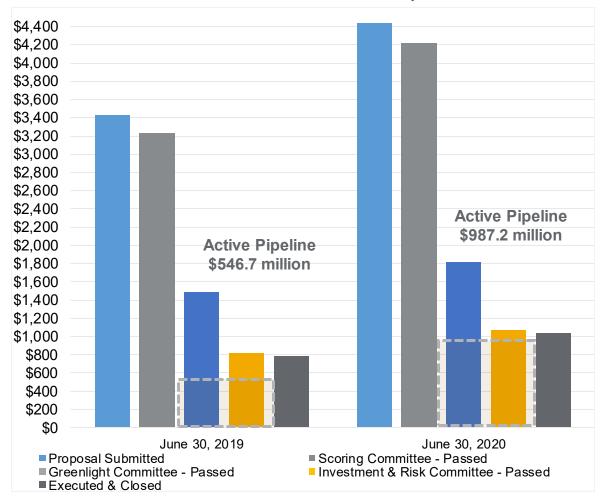
- \$4.4 billion of proposals received and evaluated by NYGB's Scoring Committee
- √ \$4.1 billion of proposals passed Scoring Committee evaluation
- **★ \$1.8 billion** of proposals received Greenlight
 Committee recommendation for advancement

 **The committee of the commendation for advancement of the commendation for advancement of the committee of the commendation for advancement of the committee of the committee of the commendation for advancement of the commendation for advancement of the committee of the commendation for advancement of the committee of the commendation for advancement of the committee of the commendation for advancement of the commendation for advancement of the committee of the commendation for advancement of the committee of the commendation for advancement of the commendation of the committee of the committee of the committee of the committee of the commendation of the commenda
- √ \$1.1 billion of proposals vetted by the Investment & Risk Committee and approved by NYSERDA's President & CEO
- ✓ Over \$1.0 billion of transactions closed

Transaction Status & Pipeline



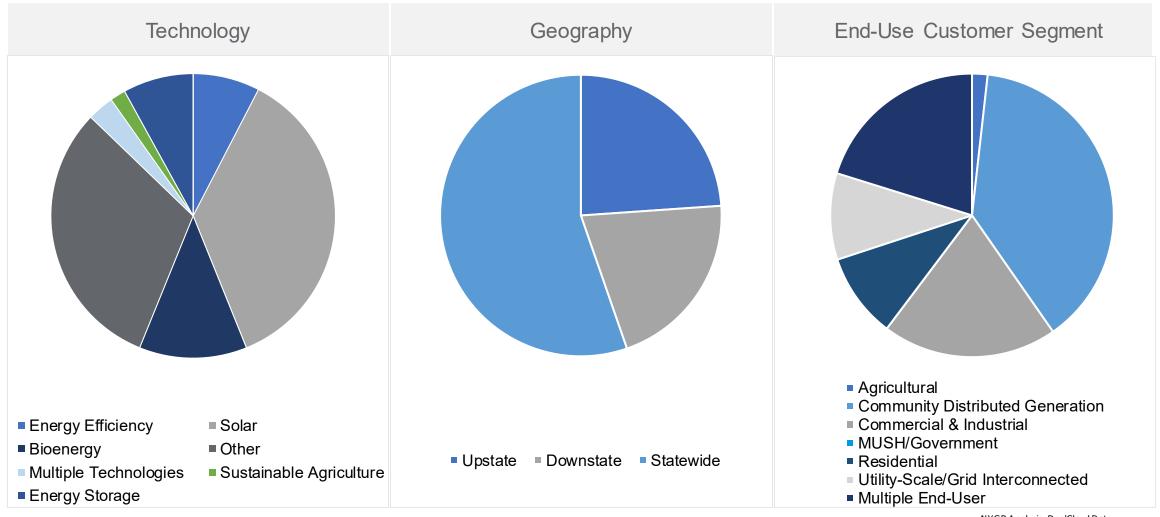
Year over Year Comparison



- √ \$1.0 billion of proposals received and evaluated by NYGB's Scoring Committee
- √ \$329.1 million of proposals received Greenlight
 Committee recommendation for advancement
- \$253.1 million of proposals vetted by the Investment & Risk Committee and approved by NYSERDA's President & CEO
- √ \$251.3 million of transactions closed

Distribution of Active Q2 2020 Pipeline by:





Objectives, Milestones & Deliverables



Progress on 2020-21 FY Objectives



Objective

Provide liquidity to clean energy market participants

Incremental commitments and active pipeline across market segments

Design and launch initiative to deploy capital at-scale into LMI communities

Continue progress toward

appropriate capital mobilization

target

Mobilize Capital

COVID-19

Recovery

Strong and

Growing Portfolio

LMI Initiative

Maintain Financial Engage outside expertise for valuation and LMI deal services: revise proposal submission and evaluation processes

Progress

Provided bridge financing, operating capital, and connected counterparties to additional funding sources

At \$987.2 million, pipeline meets quarterly target

\$150 million affordable housing initiative recently announced

As of quarter end, cumulative investments expected to mobilize \$2.9 billion project costs

In active conversations with potential contractors; Updated RFP and Scoring Criteria proposed, under review

Position/ Strengthen **Operations**



Category	Deliverable	Status in Quarter Ended June 30, 2020
Support Post COVID 19 C	risis Economic Recovery	
Market Engagement	 Develop and implement survey to understand COVID- 19 impact and post-PAUSE stakeholder financing needs. Convene market participants via Webinar to communicate NYGB's specific approaches to provide liquidity to clean energy financing markets. 	Achieved for the Quarter: On April 14, 2020, issued the COVID-19 Impact Survey that 140+ clean energy market participants responded to identifying financing gaps and nearterm financing challenges emerging in clean energy industry because of current circumstance. To remain collaborative and responsive to changing market needs, NYGB developed and communicated its financing solutions in the COVID-19 Impacts Webinar on June 2, 2020.
■ Liquidity Solutions	 Develop and implement financing structures to provide liquidity to clean energy market participants during and following the NY Forward reopening of the State's economy. 	☑ Ongoing and On-track: In the COVID-19 Impacts Webinar, NYGB outlined various financing solutions to address financing needs emerging as a result of COVID-19. In addition, on July 15, 2020, NYGB issued PON-1: Paycheck Protection Program Loans ("PON-1"). Under PON-1 eligible applicants could apply to NYGB for a Paycheck Protection Program loan to cover payroll costs and certain other expenses. In order to satisfy NYGB's mandate, PPP loans must have the potential to enable borrowers to reduce greenhouse gas emissions in New York State.



Category	Deliverable	Status in Quarter Ending June 30, 2020		
Strong and Growing Por	Strong and Growing Portfolio Driving Material Clean Energy Investments Across NYS			
Committed Funds	 Deliver at least \$225.0 million of incremental commitments in the 2020 – 21 Plan Year (at an average rate of \$56.25 million in closed transactions per quarter). 	☑ Ongoing and On-track: NYGB committed \$78.1 million to during the first quarter of the Plan Year.		
 Active Pipeline 	 Maintain an Active Pipeline of at least \$450.0 million per quarter on average throughout the 2020 – 21 Plan Year. 	✓ <u>Achieved for the Quarter:</u> NYGB's pipeline pf \$987.2 million meets the quarterly target.		
Clean Energy for Disadvantaged Communities	 Design and launch an initiative to deploy capital at scale into LMI and other disadvantaged communities including as appropriate, modified goals, metrics and investment criteria. 	☑ Ongoing and On-track: NYGB has been working collaboratively with Community Development Financial Institutions, housing agencies, affordable housing developers and operators, and other groups, and will launch a new initiative this fall aimed at making investments of at least \$150 million to expand clean energy and energy efficiency solutions that benefit New York's affordable multifamily housing market.		
Large-ScaleRenewables	Assist NYSERDA in evaluating OSW port infrastructure projects to help achieve the State's \$200.0 million goal of supporting port infrastructure investment.	☑ Ongoing and On-track: As announced on July 21, 2020, NYSERDA, with the assistance of NYGB, Empire State Development and the New York State Department of Transportation, will all support ORECRFP20-1, a combined solicitation for investing in the state's port infrastructure.		
	 Coordinate outreach to awardees of the NYSERDA approved land-based renewable projects to communicate NYGB's financing approach. 	Achieved for the Quarter: NYGB conducted outreach to the awardees of the NYSERDA approved land-based renewable projects and outlined its financing approach.		



Category	Deliverable	Status in Quarter Ending June 30, 2020		
Strong and Growing Portf	Strong and Growing Portfolio Driving Material Clean Energy Investments Across NYS			
■ Energy Storage	Convene tax equity providers and other lenders interested in providing capital to projects that include energy storage to explain NYGB's financing approach and demonstrate how tax equity providers could access projects.	✓ Not Yet Started		
Energy Efficiency	 Contribute to NYSERDA's Advanced Efficiency Solutions Program's initiatives as applicable to describe NYGB's approach to financing energy efficiency projects in commercial buildings. 	✓ Not Yet Started		
Clean Transportation	Participate in a webinar with EV100 to raise awareness of NYGB's clean transportation financing approach and outline the financing structures NYGB has developed to address the challenges associated with EV and EV infrastructure financing.	☑ Ongoing and On-track: On August 18, 2020, NYGB will be presenting in the EV100 Webinar: Funding Your Company EV Fleet Conversion and Deploying Charging. NYGB will be presenting on its capital solutions for financing company fleet conversions to electric and deploying charging infrastructure.		
Technology & Business Innovation	Host a webinar in conjunction with NYSERDA's Technology to Business Innovation Program to articulate how NYGB can help finance emerging business models at the commercial deployment stage.	☑ Ongoing and On-track: In collaboration with the NYSERDA Technology to Business Innovation Program, NYGB will be holding this webinar in the Fall of 2020.		



Category	Deliverable	Status in Quarter Ending June 30, 2020
Mobilizing Capital in Supp	port of CEF and CLCPA Goals	
Mobilization Ratio	Continue progress toward mobilizing capital into clean energy and sustainable infrastructure projects in the State through NYGB activity by the end of the CEF in 2025. Reassess original CEF \$8.0 billion capital mobilization target as part of CEF triennial review.	☑ Ongoing and On-track: At quarter end, NYGB investments were expected to mobilize \$2.9 billion of project costs in NYS. NYGB continues to analyze forecasted mobilization as part of the CEF triennial review.
Debt Facility	Put in place a debt financing (e.g., bank facility, bond issuance or other structure) if prudent decision-making supports, taking into consideration the pace of capital commitment and the time expected to complete the debt financing, to ensure the ability to continue funding clean energy assets at the point that investments are expected to exceed NYGB's current capitalization.	☑ Not Yet Started
LMI Initiative	 Develop mobilization and impact goals related to dedicated commitment to transactions supporting LMI and disadvantaged communities to meet the goals of the CLCPA. 	☑ Ongoing and On-track: NYGB concluded its engagement with a consultant



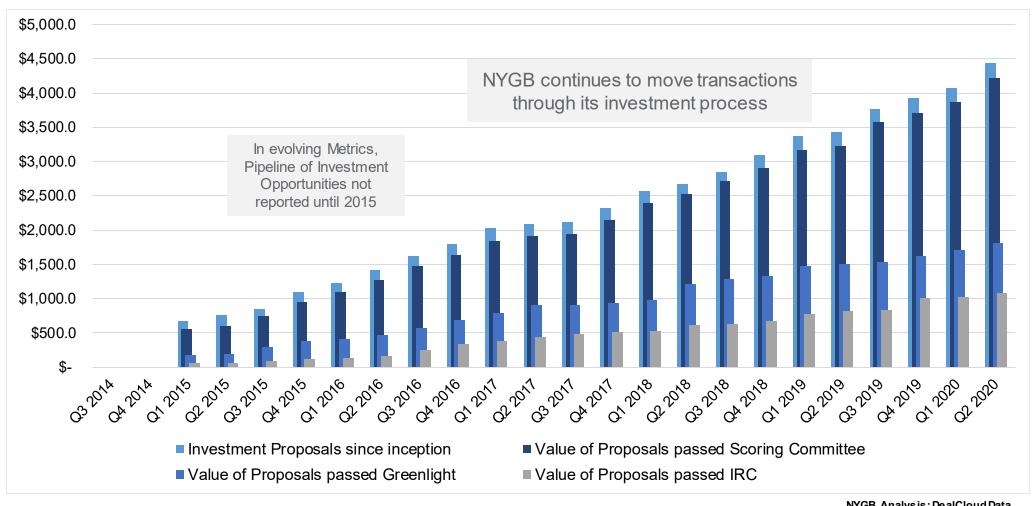
Category	Deliverable	Status in Quarter Ending June 30, 2020
Strengthening Operations		
 Legal Services for LMI Transactions 	Identify approved law firms with practice groups dedicated to LMI-focused transactions.	☑ Ongoing and On-track: NYGB has identified law firms from its pool of pre-qualified law firm that are willing to cap their fees for transactions that support disadvantaged communities.
 Valuation Services 	Evaluate and select slate of approved valuation services providers pursuant to RFP 14.	☑ Ongoing and On-track: NYGB Received and evaluated proposals during the previous quarter.
 Investment Proposal Submission Process 	Review and revise RFP 1 to clarify NYGB's investment criteria and streamline the proposal submission process.	✓ Ongoing and On-track: Proposed quantitative and qualitative changes to NYGB investment RFPs to capture projects' potential to benefit LMI/disadvantaged communities.

Trends



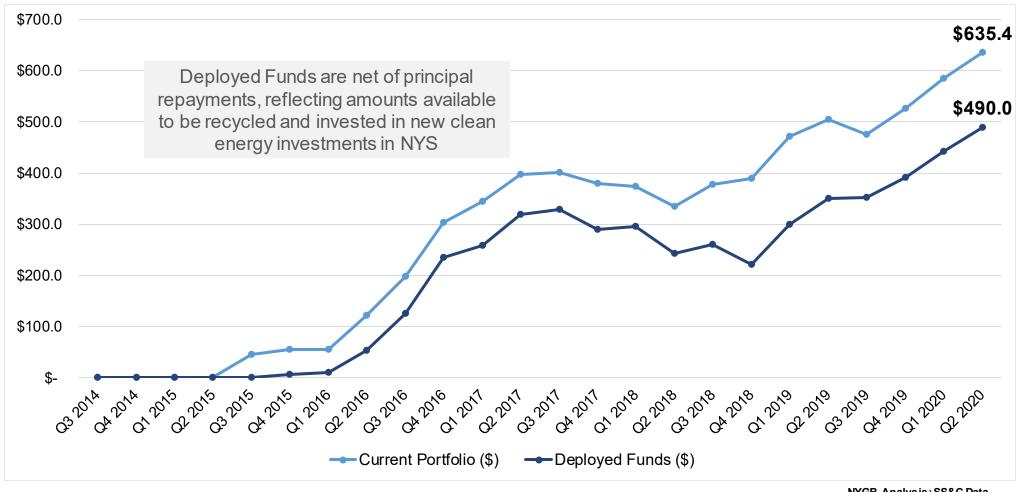
NYGB Pipeline of Proposals & Approvals





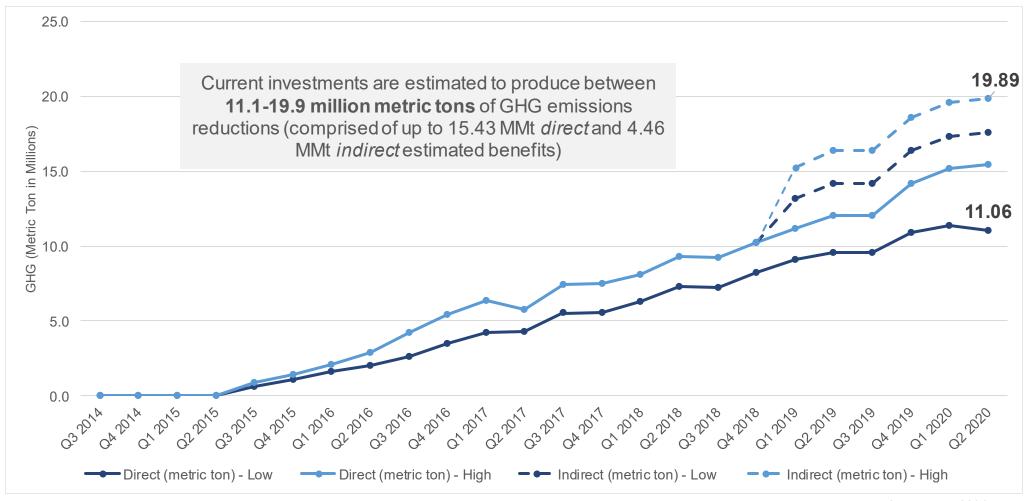
NYGB Current Portfolio vs. Deployed Funds





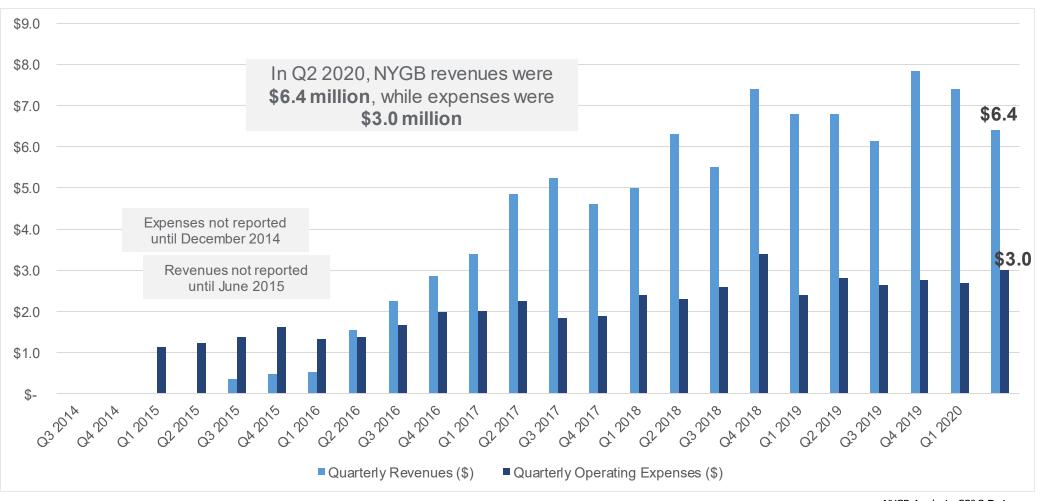
Estimated Gross Lifetime GHG Emission Reductions for Committed Funds & Deployed Funds





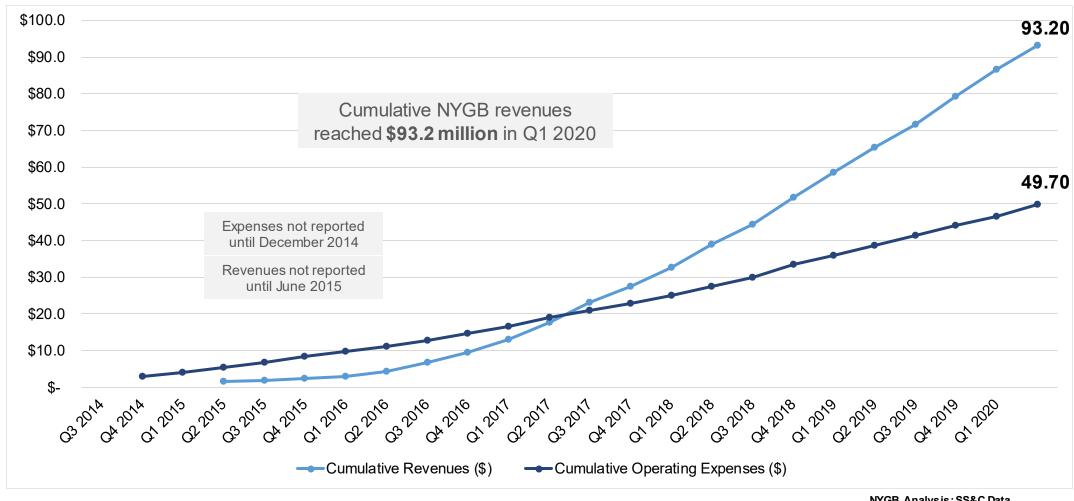
Quarterly Revenues vs. Expenses





Cumulative Revenues vs. Expenses





What's Coming Next?



What's Coming Next



- > Next Quarterly Report
 - For the quarter ending September 30, 2020, the next Metrics, Reporting & Evaluation Quarterly Report will be filed with the PSC on November 14, 2020
- List of upcoming events
 - <u>9/15 ACEEE Webinar: Building Energy Performance Standards and Importance of Financing</u> *This webinar will focus on the important role financing will play to get buildings in compliance with Energy Performance Standards. NY Green Bank President, Alfred Griffin, will give brief opening remarks on the financing opportunities to invest in energy efficiency for commercial buildings with new mandates like Local Law 97.*
 - <u>9/22 Build Back Greener (NY and DK)</u> This fireside chat with Torben Möger, CEO, Pension Denmark, and Alfred Griffin, President of NY Green Bank, will address how partnerships can spur investments in sustainability
 - <u>9/22 ANCA's Virtual Clean Transportation Summit</u> This session will include introduction to the event, goals for transportation infrastructure and needs for the 2023 World University Games, and New York State's Clean transportation goals and incentives
 - 10/5 ANCA's Virtual Clean Transportation Summit This is the wrap up session to the same event above that NY Green Bank President, Alfred Griffin, will also speak on and will include report outs from each of the working group meetings (vehicles; EV infrastructure; and grid capacity)

Contact NY Green Bank



- > Sign up for our mailing list for periodic updates on our website: www.greenbank.ny.gov
- > All additional information is available on the website, including all RFI and RFP opportunities: www.greenbank.ny.gov
- > Follow us on social media:
 - in @ny-green-bank
 - #nygreenbank

Address: 1359 Broadway 19th Floor New York, NY 10018

T: (212) 379-6260 E: info@greenbank.ny.gov www.greenbank.ny.gov

Q&A





Appendix



Quarterly Metrics



Quarterly Metric	Prior Quarter	Current Quarter
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 (\$)	\$86.8 million	\$93.2 million
Cumulative Operating Expenses (\$)*	\$46.7 million	\$49.7 million
Direct Operating Expenses (\$)	\$28.8 million	\$30.6 million
Allocated Expenses (\$)	\$18.0 million	\$19.1 million
Credit Facility (if in place)		
Credit Facility Amount (\$)	Not Applicable	Not Applicable
Credit Facility Drawn Amount (\$)	Not Applicable	Not Applicable
Credit Facility Fees & Interest (Cumulative) (\$)		
	Not Applicable	Not Applicable
Investment Portfolio		
Committed Funds (\$)**	\$143.4 million	\$145.5 million
Deployed Funds (\$)	\$441.6 million	\$490.0 million
Current Portfolio (\$)	\$585.0 million	\$635.4 million
Overall Investments to Date (\$)	\$959.9 million	\$1.0 billion
Total Project Costs (Cumulative) (\$)	In the range of \$2.1 to \$2.6 billion	In the range of \$2.3 to \$2.9 billion
Mobilization Ratio	Tracking at least 2.5:1 on average across portfolio	Tracking at least 2.6:1 on average across portfolio ¹⁸

^{*} Note that Cumulative Operating Expenses may not exactly equal the sum of Direct Operating and Allocated Expenses due to rounding.

**Also note that Committed Funds plus Deployed Funds may not exactly equal Current Portfolio due to rounding.

Quarterly Metrics (cont.)



Quarterly Metric	Prior Quarter	Current Quarter	
Investment Portfolio (cont.)			
Portfolio Concentrations (%)	74.0% Renewable Energy	75.7% Renewable Energy	
	7.5% Energy Efficiency	7.6% Energy Efficiency	
	18.5% Other	16.7% Other ²⁰	
 Number & Type of NYGB Investments 	44 – Renewable Energy	51 – Renewable Energy	
	9 – Energy Efficiency	10 – Energy Efficiency	
	8 – Other	9 – Other	
Number & General Type of NYGB Counterparties	63 – Local Development Corporation; Global, Corporate and/or Investment Bank; Regional Bank; Specialty Finance Company; Energy Project Developer; Municipal, University, Schools & Hospitals; Energy Technology Provider & Vendors; Government Authority; Insurance Company; Transportation	64 – Local Development Corporation; Global, Corporate and/or Investment Bank; Regional Bank; Specialty Finance Company; Energy Project Developer; Municipal, University, Schools & Hospitals; Energy Technology Provider & Vendors; Government Authority; Insurance Company; Transportation	
Direct Impact Benefits			
 Estimated Gross Lifetime Energy Saved by Fuel Type from Energy Efficiency Projects (MWh/MMBtu) and/or Estimated Gross Lifetime Clean Energy Generated (MWh) for Committed Funds & Deployed Funds 	Estimated Gross Lifetime Energy Saved by Fuel Type (Energy Efficiency): 369,000 - 451,000 MWh; and 1.48 – 2.14 million MMBtu	Estimated Gross Lifetime Energy Saved by Fuel Type (Energy Efficiency): 369,000 - 451,000 MWh; and 1.48 – 2.14 million MMBtu	
	Estimated Gross Lifetime Clean Energy Generated: 21.1 – 28.3 million MWh	Estimated Gross Lifetime Clean Energy Generated: 21.5 – 29.7 million MWh	
 Estimated Gross First Year Energy Saved by Fuel Type from Energy Efficiency Projects (MWh/MMBtu) and/or Estimated Gross First Year Clean Energy Generated (MWh) for Committed Funds & Deployed Funds 	Estimated Gross First Year Energy Saved by Fuel Type (Energy Efficiency) 25,800 – 31,600 MWh; and 86,000 – 122,000 MMBtu Estimated Gross First-year Clean Energy Generated 1,321,000 – 1,633,000 MWh	Estimated Gross First Year Energy Saved by Fuel Type (Energy Efficiency) 25,800 – 31,600 MWh; and 86,000 – 122,000 MMBtu Estimated Gross First-year Clean Energy Generated 1,06,000 – 1,408,000 MWh	

Quarterly Metrics (cont.)



Quarterly Metric	Prior Quarter	Current Quarter		
Direct Impact Benefits (cont.)	Direct Impact Benefits (cont.)			
 Estimated Gross Lifetime Energy Saved from CHP (MWh) for Committed Funds & Deployed Funds 	Estimated Gross Lifetime Energy Saved from CHP: 60,700 - 74,200 MWh	Estimated Gross Lifetime Energy Saved from CHP: 60,700 - 74,200 MWh		
 Estimated Gross First Year Energy Saved from CHP (MWh) for Committed Funds & Deployed Funds 	Estimated Gross First Year Energy Saved from CHP: 2,973 – 3,634 MWh	Estimated Gross First Year Energy Saved from CHP: 2,973 – 3,634 MWh		
 Estimated Gross Lifetime Energy Savings from CHP (MMBtu) for Committed Funds & Deployed Funds 	Estimated Gross Lifetime Energy Savings from CHP: 190,900 – 233,300 MMBtu	Estimated Gross Lifetime Energy Savings from CHP: -6,017,500 – -7,096,000 MMBtu		
Estimated Gross First Year Energy Savings from CHP (MMBtu) for Committed Funds & Deployed Funds	Estimated Gross First Year Energy Savings from CHP: 9,890 – 12,100 MMBtu	Estimated Gross First Year Energy Savings from CHP: -610,940 – -720,830 MMBtu		
 Estimated Gross Clean Energy Generation Installed Capacity from CHP (MW), if applicable, for Committed Funds & Deployed Funds 	1.9 MW	14.4 MW		
 Estimated Gross Clean Energy Generation Installed Capacity (MW), if applicable, for Committed Funds & Deployed Funds 	630.2 – 863.8 MW	690.7 – 983.2 MW		
 Estimated Gross Lifetime GHG Emission Reductions (metric tons) for Committed Funds & Deployed Funds 	11.37 – 15.15 million metric tons	11.06 – 15.43 million metric tons		

Quarterly Metrics (cont.)



Quarterly Metric	Prior Quarter	Current Quarter
Indirect Impact Benefits		
Estimated Lifetime Energy Saved (MWh)	-	-
Estimated Lifetime Energy Saved (MMBtu)	-	-
Estimated Lifetime Clean Energy Generation (MWh)	4.1 – 8.5 million MWh	4.1 – 8.5 million MWh
Estimated Installed Capacity CHP (MW)	-	-
Estimated Installed Capacity (MW)	61.2 – 129.7 MW	61.2 – 129.7 MW
Estimated Lifetime GHG Emissions Reductions (Metric Tons)	2.2 – 4.5 million metric tons	2.2 – 4.5 million metric tons
Investment Pipeline		
Active Pipeline (In the Quarter) (\$)	\$625.4 million	\$987.2 million
Investment Process		
Proposals Received – Value (Cumulative) (\$)	\$4.1 billion	\$4.4 billion
Approvals - Scoring Committee (Cumulative) (\$)	\$3.9 billion	\$4.2 billion
Approvals - Greenlight Committee (Cumulative) (\$)	\$1.7 billion	\$1.8 billion
Approvals - IRC (Cumulative) (\$)	\$1.0 billion	\$1.1 billion