

Agenda

Note: All data included in this quarterly update is current as of December 31, 2017, unless otherwise indicated

Performance

- Performance at a Glance As of December 31, 2017
- Progress Toward Targets As of December 31, 2017

Portfolio Update

- Transaction Status & Active Pipeline
- Year-on-Year Comparison
- Active Pipeline Technology, Geography & End-Users
- Q4 2017 Investments

Objectives, Milestones & Deliverables

- Overarching Goals, KPIs & Metrics
- FY 2017 18 Objectives
- Progress Against FY 2017 18 Objectives
- Progress Against FY 2017 18 Plan Deliverables

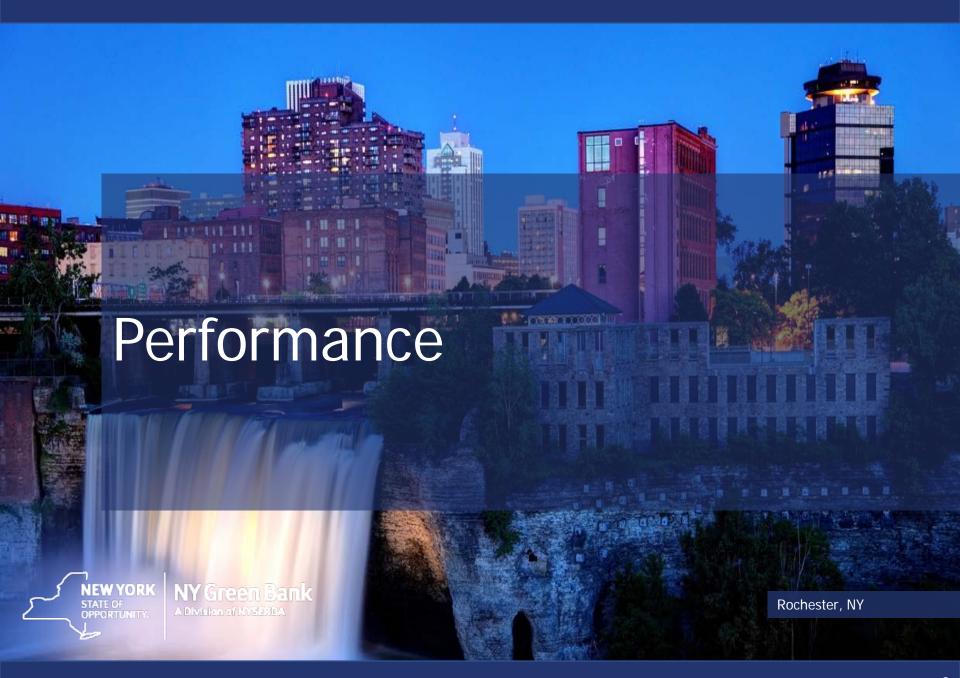
Metrics

- Quarterly Metrics
- Annual Metrics 2017 Annual Installed Systems

Trends

- Pipeline of Investment Opportunities
- Investment Portfolio
- Estimated Lifetime GHG Reductions
- Revenues & Expenses (Quarterly)
- Revenues & Expenses (Cumulative)
- What's Coming Next?
- Stay In Touch with NY Green Bank
- Questions





Performance at a Glance – As of December 31, 2017

NYGB continues to **breakeven on a cumulative basis** with Cumulative Revenues in excess of Cumulative Expenses. NYGB closed **\$16.6 million** of new clean energy investments in New York State.

Stimulating New Clean Energy Proposals in the State

Proposals received for over \$2.3 billion in NYGB investment since inception

Strong Active Pipeline (1)

Active Pipeline of transactions moving towards closing is \$673.2 million

Driving Material Clean Energy Investments Across NYS

Investments support clean energy projects with total project costs between \$1.27 and \$1.50 billion, based on Overall Investments to Date of \$457.5 million

Mobilizing Capital

NYGB's
investment
portfolio as a
whole
represents
expected
mobilization
ratio on track at
or above 3:1;
over 10 years
on track to meet
or exceed 8:1

Revenue Growth Maintaining SelfSufficiency \$27.6 million Contributing to CEF Objectives, REV & the CES

Estimated
lifetime GHG
reductions
between 5.6
and 7.5
million metric
tons, equivalent
to removing
55,135 –
72,900 cars off
the road for 22
years

SYGB's vestment tfolio as a whole presents expected oblilization on track at heave 2.11.

\$27.6 million in cumulative revenues generated since inception, including \$4.6 million in Q4 2017.

Cumulative

Cumulative the road for years (\$22.7 million)

Revenues in

excess of

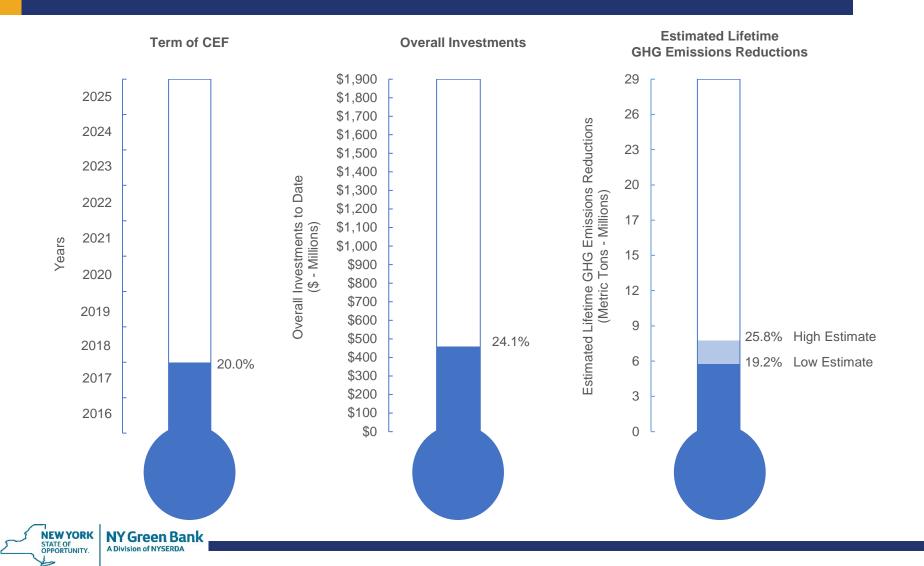
Q4 Metrics Report was filed February 14, 2018, pursuant to the Metrics, Reporting & Evaluation Plan v3.0 and is available at www.greenbank.ny.gov/Resources/Public-Filings.

(1) "Active Pipeline" means, at any time and for any period, the sum (expressed in dollars) of the proposed NYGB investment amount in all NYGB active transactions in the Pipeline where, in relation to each transaction: (a) there is agreement in principle between the parties; (b) there is momentum in moving the transaction forward; (c) conditions to investment are expected to be met; and (d) NYGB is dynamically proceeding towards and through "greenlight" recommendation, IRC approval and transaction execution. Unlike other Metrics that are cumulative measures since NYGB Inception, "Active Pipeline" is a point in time measure. As momentum behind individual transactions fluctuates while advancing towards execution due to various factors, including many not under NYGB's control, transactions may move in and out of the Active Pipeline at any given time.



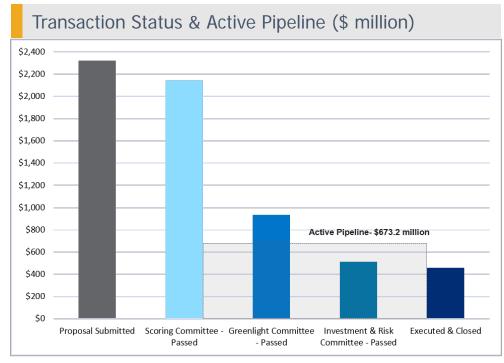


Progress Toward Targets - As of December 31, 2017





Transaction Status & Active Pipeline



NYGB Analysis; DealCloud Data

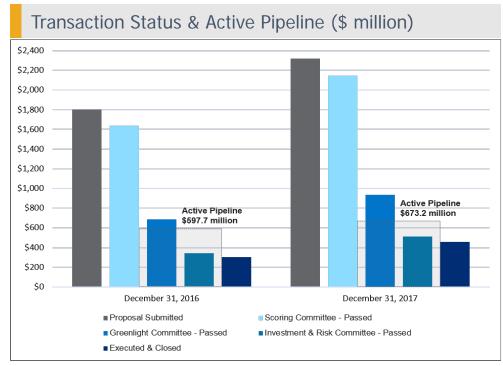
Since inception through December 31, 2017:

- Over \$2.3 billion of proposals received and evaluated by NYGB's Scoring Committee
- Over \$2.1 billion of proposals passed
 Scoring Committee evaluation representing potential investments that meet NYGB's mandate and proposal evaluation criteria
- Active Pipeline currently \$673.2 million
- \$936.0 million of proposals received Greenlight Committee recommendation for advancement
- \$511.8 million of proposals vetted by the Investment & Risk Committee (IRC) and approved by NYSERDA's President & CEO
- \$457.5 million of transactions closed comprising Overall Investments to Date mobilizing public and private investments to
 support in the range of \$1.27 to \$1.50
 billion in Total Project Costs (Cumulative) for
 new clean energy deployment in the State





Year-on-Year Comparison



NYGB Analysis; DealCloud Data

Comparing the last twelve months ending in December 31, 2017:

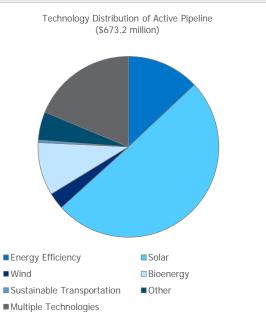
- Additional \$521.7 million of proposals received and evaluated by NYGB's Scoring Committee
- Additional \$506.5 million of proposals passed Scoring Committee evaluation
- Additional \$249.9 million of proposals received Greenlight Committee recommendation for advancement
- Additional \$169.7 million of proposals vetted by the IRC and approved by NYSERDA's President & CEO
- Additional \$152.7 million of transactions executed and closed





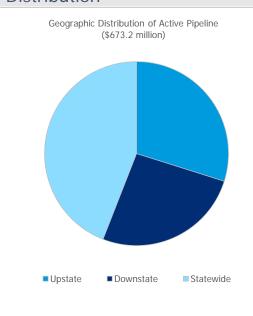
Active Pipeline – Technology, Geography & End-Users

Active Pipeline by Technology



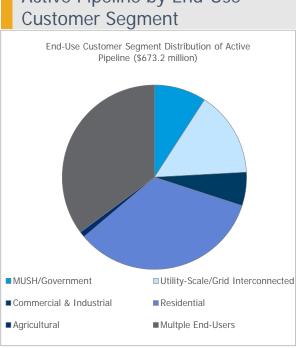
NYGB Analysis; DealCloud Data

Active Pipeline by Geographic Distribution



NYGB Analysis; DealCloud Data

Active Pipeline by End-Use **Customer Segment**



NYGB Analysis; DealCloud Data





Q4 2017 Investments

In Q4 2017, NYGB closed **two new transactions**, totaling a **\$16.6 million** addition to Overall Investments To Date.⁽¹⁾

Cypress Creek Renewables

- Two-year extension and upsize of the interconnection financing facility – from \$11.5 million to \$25.0 million
- Additional funding will finance project interconnection advance payments to utilities across NYS for up to 72 community distributed generation solar projects
- Reducing up to 2,610,000 metric tons of GHG emissions over 25-year project life

BQ Energy (City of Beacon)

- \$3.1 million construction loan and term loan facility to complete a 2.8 MW solar project being constructed on a remediated landfill in the City of Beacon
- Generates up to 90,500 MWh of renewable energy over the life of the underlying project
- Solar power from this project will be sold to the City of Beacon and generate a significant percentage of its total power needs

(1) Details of all NYGB investments can be found in Transaction Profiles available at www.greenbank.ny.gov/Investments/Portfolio. Press releases can be accessed at www.greenbank.ny.gov/News-and-Media/In-The-News.







Overarching Goals, KPIs & Metrics

NYGB Goals	Key Performance Indicators	Metrics
	Mobilizing capital	 Mobilization Ratio of Total Project Costs (Cumulative) to NYGB investment
Attract Capital to	 Portfolio driving material clean energy investments across NYS 	■ Total Project Costs (Cumulative) enabled by NYGB (\$)
Clean Energy Capital Markets in NYS	Growing portfolio	Overall Investments to Date (\$)
Warkets III 1410	Strong Active Pipeline	Active Pipeline (\$)
	 Stimulating new clean energy proposals in NYS 	 Investment proposals received (cumulative) (\$)
Be Self-Sufficient	 Revenue growth paving the way to self-sufficiency 	Revenues (cumulative) (\$)Expenses (cumulative) (\$)
Deliver Energy & Environmental Impact Benefits	Contributing to CEF objectives and in turn REV and the CES (by supporting increased deployment of renewable energy, distributed energy & energy efficiency)	 Estimated energy and environmental benefits: Lifetime energy saved by fuel type from energy efficiency projects (MWh/MMBtu) and/or Lifetime clean energy generated (MWh); First-Year energy saved by fuel type from energy efficiency projects (MWh/MMBtu) and/or estimated First-Year clean energy generated (MWh); Lifetime and First-Year energy saved from CHP (MWh); Lifetime and First-Year energy savings from CHP (MMBtu); Clean energy generation installed capacity (MW) from CHP;

Overarching Goals, KPIs & Metrics (cont.)

NYGB Goals	Key Performance Indicators	Metrics
Deliver Energy & Environmental Impact Benefits (cont.)	 Contributing to CEF objectives and in turn REV and the CES (by supporting increased deployment of renewable energy, distributed energy & energy efficiency) (cont.) 	 Estimated energy and environmental benefits (cont.): Other clean energy generation installed capacity (MW); and GHG emissions reductions (metric tons); and Installed energy and environmental benefits: Energy saved by fuel type from energy efficiency projects (MWh/MMBtu) and/or actual clean energy generated (MWh); Primary energy saved from CHP (Btu); Clean energy generation installed capacity (MW), if applicable; and GHG emissions reductions (metric tons).



FY 2017 – 18 Objectives

NYGB's Annual Review 2016 – 17 and Annual Business Plan 2017 – 18 defined three primary objectives:

Put Ratepayer Money to Work

Commit **\$550.0 million**(cumulative) to NYGB investments over the fiscal year ending March 31, 2018, with an average of **\$50.0** million in closed transactions per quarter.

Mobilize Capital

Maintain an average, portfolio-wide Mobilization Ratio of at least 3:1 (the ratio of Total Project Costs (Cumulative) to NYGB Overall Investments to Date), driving towards a ratio of at least 8:1 across all NYGB investments by the end of the CEF term in 2025.

Maintain Self-Sufficiency

Continue to grow revenues and manage expenses to maintain self-sufficiency and generate net income.

These primary objectives are being accomplished by discrete activities & deliverables:

Build & Maintain Active Pipeline

Revenue & Expense Targets

Optimize Performance & Impact

Further Mobilize Capital to Invest in NYS Clean Energy

Continue Market & Stakeholder Outreach

Cultivate Opportunities Related to New State Programs and Initiatives

Grow Impact Benefits Baseline Evaluations of the Investment Portfolio

Attract & Retain Required Staff





Progress Against FY 2017 – 18 Objectives

Objective

Put Ratepayer Money to Work:

Commit **\$550.0 million** (cumulative) to NYGB investments by fiscal year end March 31, 2018

Mobilize Capital:

Achieve average mobilization ratio of **3:1**, and **8:1** across portfolio by end of CEF in 2025

Maintain Self-Sufficiency: Continue to grow revenues and manage expenses to maintain self-sufficiency

Strong Active Pipeline:

Maintain an Active Pipeline of at least **\$300.0 million**

Reduce GHG Emissions:

Contribute to CEF objectives and in turn REV and the CES

Progress

NYGB committed **\$16.6 million** in the fourth quarter of FY 2017 – 18 (**\$457.5 million** in Overall Investments to Date)

NYGB's current portfolio-wide mobilization ratio meets the required **3:1** on average and is on track to achieve an **8:1 mobilization ratio** by 2025, including through recycling capital for investment in new transactions

\$27.6 million in revenues has been generated since NYGB's inception, including **\$4.6 million** in Q4 2017

Active Pipeline of potential investments proceeding to close is **\$673.2 million**

Current Portfolio represents up to: **448.0 MW** of new clean energy installations in NYS, **12.9 million MWh** of clean energy generation, **815,000 MWh** saved, **4.37 million MMBtus** saved, and estimated lifetime GHG reductions of between **5.56 and 7.48 million metric tons** over the life of underlying projects





Progress Against FY 2017 – 18 Plan Deliverables

	Category	Deliverable	Status in Quarter Ending December 31, 2017			
Stro	Strong Active Pipeline					
•	Active Pipeline	 Maintain an Active Pipeline of at least \$300.0 million on average throughout the year. 	Achieved for this Quarter: Active Pipeline of \$673.2 million.			
•	Streamline Investment Proposal Submission Process & Data Collection	 Create an online portal for submission of Investment RFPs to NYGB with straight-through processing and data collection in NYGB's CRM system to make management and reporting tools more efficient and effective. 	Achieved for the Plan Year: In May 2017 NYGB launched the online portal for submission of investment proposals to NYGB pursuant to all current Investment RFPs. ¹			
Port	folio Driving Material Clean Energ	/ Investments Across NYS				
•	Committed Funds	 Commit \$550.0 million (cumulative) to NYGB investments, equating to an average of \$50.0 million in closed transactions per quarter. 	Not Achieved for this Quarter: \$16.6 million of closed transactions in the quarter, such that current Plan Year commitment is averaging \$37.1 million per quarter.			
•	Issue CDG RFP	Publicly Issue RFP/RFI.	Achieved for this Quarter: Issued RFP 10 "Construction & Aggregation-to-Term Financing for Community Distributed Generation Solar Projects". 2			
•	Issue Interconnection Bridge Loan RFP	■ Publicly issue RFP/RFI.	Ongoing & On Track: Preparation of RFP/RFI at advanced stages.			
-	Perform Initial Evaluation Activities	 Engage with independent evaluators to conduct baseline assessments for both financial market transformation and energy and environmental impact of NYGB's Investment Portfolio. 	✓ Ongoing & On Track: Baseline Evaluation Plan reviewed and accepted by DPS. Selection of third-party evaluators in Q1 2018. Evaluation activities expected to commence in the first half of 2018.			
Mob	ilizing Private Capital					
•	Mobilization Ratio	Achieve an average, portfolio-wide Mobilization Ratio of at least 3:1, driving towards a ratio of 8:1 across all NYGB investments by the end of the CEF term in 2025.	Achieved for this Quarter: Current quarter Mobilization Ratio on track at least 3:1 on average across NYGB's portfolio. ³			

⁽¹⁾ The new online portal for submission of Investment RFPs to NYGB can be accessed by clicking the "Submit Proposal Online" button available at: www.greenbank.ny.gov/Work-with-Us/Propose-an-Investment.

⁽²⁾ Construction and Aggregation-to-Term Financing for CDG Solar Projects – RFP No. 10 available at www.greenbank.ny.gov/Work-with-Us/Propose-an-Investment.





Quarterly Metrics

Quarterly Metrics are set out below, without footnotes. For complete Metrics and narrative, please see the full Report filed on February 14, 2018 available at www.greenbank.ny.gov/Resources/Public-Filings

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 (\$)	\$23.0 million	\$27.6 million		
 Cumulative Operating Expenses (\$) 	\$20.8 million	\$22.7 million		
 Direct Operating Expenses (\$) 	\$12.0 million	\$13.3 million		
 Allocated Expenses (\$) 	\$8.8 million	\$9.4 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 (\$)	\$71.4 million	\$90.0 million		
Deployed Funds (\$)	\$329.4 million	\$290.1 million		
Current Portfolio (\$)	\$400.8 million	\$380.1 million		
 Overall Investments to Date (\$) 	\$440.9 million	\$457.5 million		
 Total Project Costs (Cumulative) (\$) 	In the range of \$1.31 - \$1.59 billion	In the range of \$1.27 - \$1.50 billion		
 Mobilization Ratio 	Tracking at least 3:1 on average across portfolio	Tracking at least 3:1 on average across portfolio		
Portfolio Concentrations (%)	64.7% Renewable Energy	65.9% Renewable Energy		
	11.4% Energy Efficiency	11.0% Energy Efficiency		
	24.0% Other	23.0% Other		





Quarterly Metrics (cont.)

	Quarterly Metric	Prior Quarter	Current Quarter		
Inv	Investment Portfolio (cont.)				
•	Number & Type of NYGB Investments	18 – Renewable Energy	20 – Renewable Energy		
		6 – Energy Efficiency	6 – Energy Efficiency		
		4 – Other	4 – Other		
•	Number & General Type of NYGB	49 - Local Development Corporation; Global, Corporate	49 – Local Development Corporation; Global,		
	Counterparties	and/or Investment Bank; Regional Bank; Specialty	Corporate and/or Investment Bank; Regional Bank;		
		Finance Company; Energy Project Developer; Municipal,	Specialty Finance Company; Energy Project		
		University, Schools & Hospitals; Energy Technology	Developer; Municipal, University, Schools &		
		Provider & Vendors; Government Authority; Insurance	Hospitals; Energy Technology Provider & Vendors;		
		Company	Government Authority; Insurance Company		
•	Estimated Gross Lifetime Energy Saved by	Estimated Gross Lifetime Energy Saved by Fuel Type	Estimated Gross Lifetime Energy Saved by Fuel Type		
	Fuel Type from Energy Efficiency Projects	(Energy Efficiency):	(Energy Efficiency):		
	(MWh/MMBtu) and/or Estimated Gross	737,000 - 815,000 MWh; and	737,000 - 815,000 MWh; and		
	Lifetime Clean Energy Generated (MWh) for	3.97 – 4.37 million MMBtu	3.97 – 4.37 million MMBtu		
	Committed Funds & Deployed Funds ¹	Estimated Gross Lifetime Clean Energy Generated:	Estimated Gross Lifetime Clean Energy Generated:		
		9.28 – 12.8 million MWh	9.35 – 12.9 million MWh		
-	Estimated Gross First Year Energy Saved by	Estimated Gross First Year Energy Saved by Fuel Type	Estimated Gross First Year Energy Saved by Fuel		
	Fuel Type from Energy Efficiency Projects	(Energy Efficiency):	Type (Energy Efficiency):		
	(MWh/MMBtu) and/or Estimated Gross First	50,500 - 56,100 MWh; and	50,500 – 56,100 MWh; and		
	Year Clean Energy Generated (MWh) for	252,000 – 276,000 MMBtu	252,000 - 276,000 MMBtu		
	Committed Funds & Deployed Funds	Estimated Gross First Year Clean Energy Generated:	Estimated Gross First Year Clean Energy Generated:		
		394,000 – 538,000 MWh	396,000 – 541,000 MWh		
-	Estimated Gross Lifetime Energy Saved from	Estimated Gross Lifetime Energy Saved from CHP:	Estimated Gross Lifetime Energy Saved from CHP:		
	CHP (MWh) for Committed Funds & Deployed	7,070 – 8,640 MWh	7,070 – 8,640 MWh		
	Funds				



Quarterly Metrics (cont.)

	Quarterly Metric	Prior Quarter	Current Quarter		
Inve	Investment Portfolio (cont.)				
•	Estimated Gross First Year Energy Saved from	Estimated Gross First Year Energy Saved from CHP:	Estimated Gross First Year Energy Saved from		
	CHP (MWh) for Committed Funds & Deployed	293 – 358 MWh	CHP:		
	Funds		293 – 358 MWh		
•	Estimated Gross Lifetime Energy Savings from	Estimated Gross Lifetime Energy Savings from CHP:	Estimated Gross Lifetime Energy Savings from		
	CHP (MMBtu) for Committed Funds & Deployed	-(41,000 – 50,100) MMBtu	CHP:		
	Funds		-(41,000 – 50,100) MMBtu		
•	Estimated Gross First Year Energy Savings from	Estimated Gross First Year Energy Savings from CHP:	Estimated Gross First Year Energy Savings from		
	CHP (MMBtu) for Committed Funds & Deployed	-(1,700 – 2,070) MMBtu	CHP:		
	Funds		-(1,700 – 2,070) MMBtu		
•	Estimated Gross Clean Energy Generation	1.6 MW	1.6 MW		
	Installed Capacity from CHP (MW), if applicable,				
	for Committed Funds & Deployed Funds				
•	Estimated Gross Clean Energy Generation	330.0 – 446.0 MW	332.0 – 448.0 MW		
	Installed Capacity (MW), if applicable, for				
	Committed Funds & Deployed Funds				
•	Estimated Gross Lifetime GHG Emission	5.53 – 7.44 million metric tons	5.56 – 7.48 million metric tons		
	Reductions (metric tons) for Committed Funds &				
	Deployed Funds				
Inve	estment Pipeline				
•	Active Pipeline (In the Quarter) (\$)	\$519.0 million	\$673.2 million		
Inve	estment Process				
•	Proposals Received – Value (Cumulative) (\$)	\$2.1 billion	\$2.3 billion		
•	Approvals - Scoring Committee (Cumulative) (\$)	\$1.9 billion	\$2.1 billion		
•	Approvals - Greenlight Committee (Cumulative) (\$)	\$924.0 million	\$936.0 million		
•	Approvals - IRC (Cumulative) (\$)	\$497.3 million	\$511.8 million		





Annual Metrics - 2017 Annual Installed Systems

Energy & Environmental Benefit	Prior Year Increment ⁽¹⁾	Prior Year Cumulative ⁽¹⁾	Current Year Increment	Current Year Cumulative
Installed energy saved by fuel	Energy Saved by	Energy Saved by	Energy Saved by	Energy Saved by
type from energy efficiency	Fuel Type	Fuel Type	Fuel Type	Fuel Type
projects (MWh/MMBtu) and/or	(Energy	(Energy	(Energy	(Energy
installed clean energy	Efficiency):	Efficiency):	Efficiency):	Efficiency):
generated (MWh)	678 MWh; and	678 MWh; and	13,240 MWh;	13,918 MWh;
	9,265 MMBtu	9,265 MMBtu	and	and
			2,562 MMBtu	11,827 MMBtu
	Clean Energy	Clean Energy	Clean Energy	Clean Energy
	Generated:	Generated:	Generated:	Generated:
	57,051 MWh	57,051 MWh	101,140 MWh	158,191 MWh
Installed energy savings from CHP (MWh)	0 MWh	0 MWh	0 MWh	0 MWh
Installed energy savings from CHP (MMBtu)	0 MMBtu	0 MMBtu	0 MMBtu	0 MMBtu
Installed CHP capacity (MW), if applicable	0 MW	0 MW	0 MW	0 MW
Installed clean energy generation capacity (MW), if applicable	48.4 MW	48.4 MW	85.9 MW	134.3 MW
Installed GHG emission	30,437 metric	30,437 metric	64,236 metric	94,673 metric
reductions (metric tons)	tons	tons	tons	tons

Comparing the last twelve months ending in December 31, 2017:

- Incremental 85.9 MW of Clean Energy Installed Capacity in NYS in 2017
- Totaling **134.3 MW** installed in NYS
- Portfolio Annual Clean Energy Generation of over 158,000 MWh
- Annual GHG Emissions
 Reductions of 94,670 metric
 tons
- Installed systems expected to deliver over 2,204,000 metric tons in GHG Emissions Reductions over the life of underlying projects

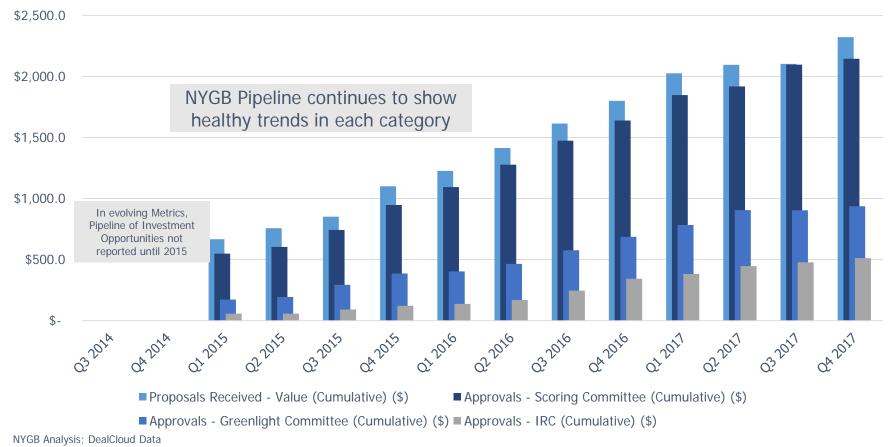


(1) 2016 Calendar Year reported values have been adjusted, where needed, to incorporate lagged data, and improved counterparty performance data monitoring processes.



Pipeline of Investment Opportunities

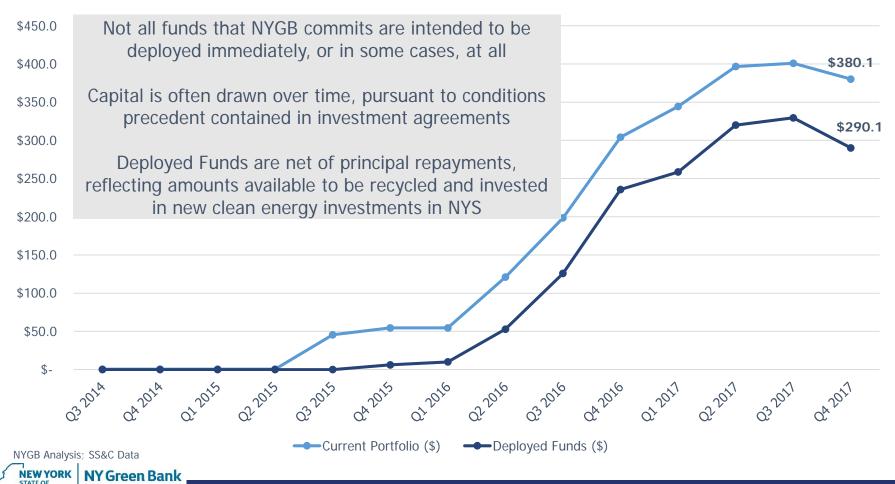
NYGB Pipeline of Proposals & Approvals (\$ million)





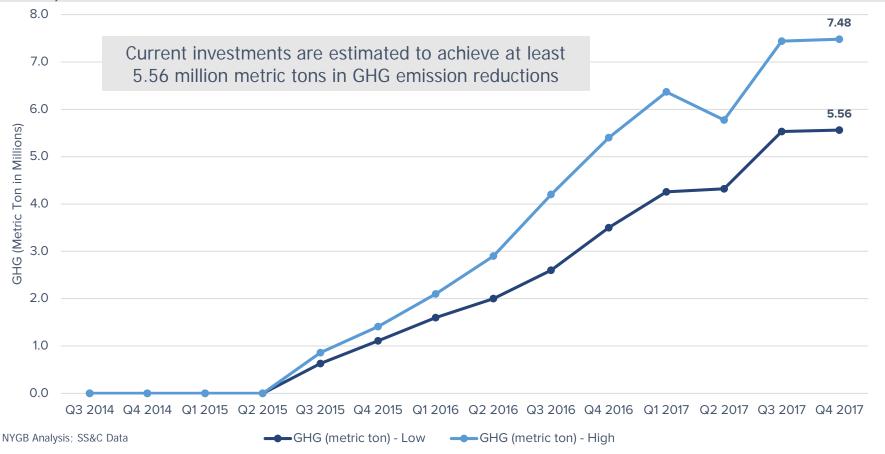
Investment Portfolio



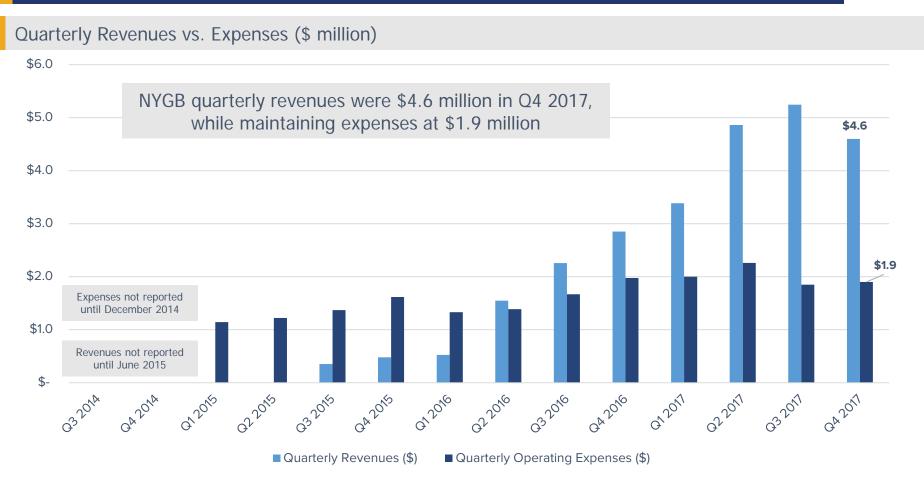


Estimated Lifetime GHG Emission Reductions

Estimated Gross Lifetime GHG Emission Reductions for Committed Funds & Deployed Funds (Metric Tons in millions)



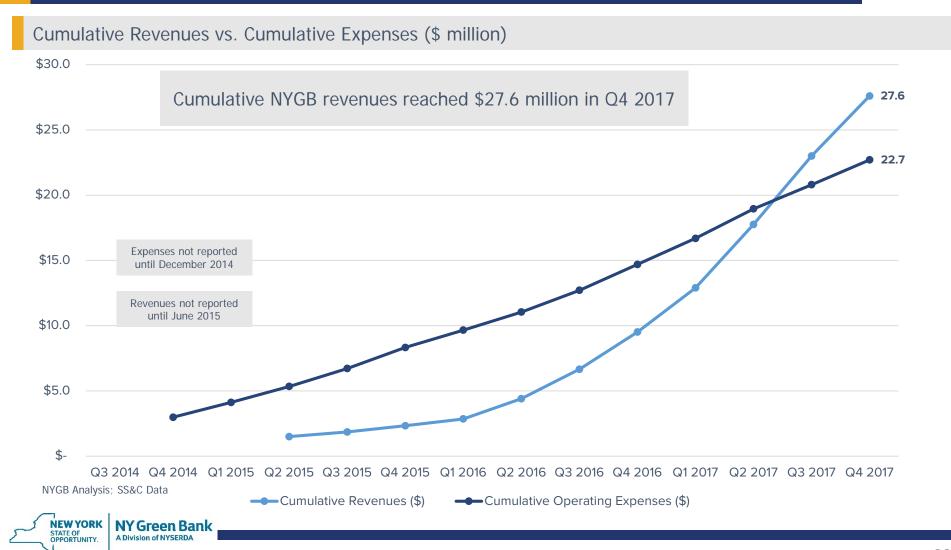
Revenues & Expenses (Quarterly)

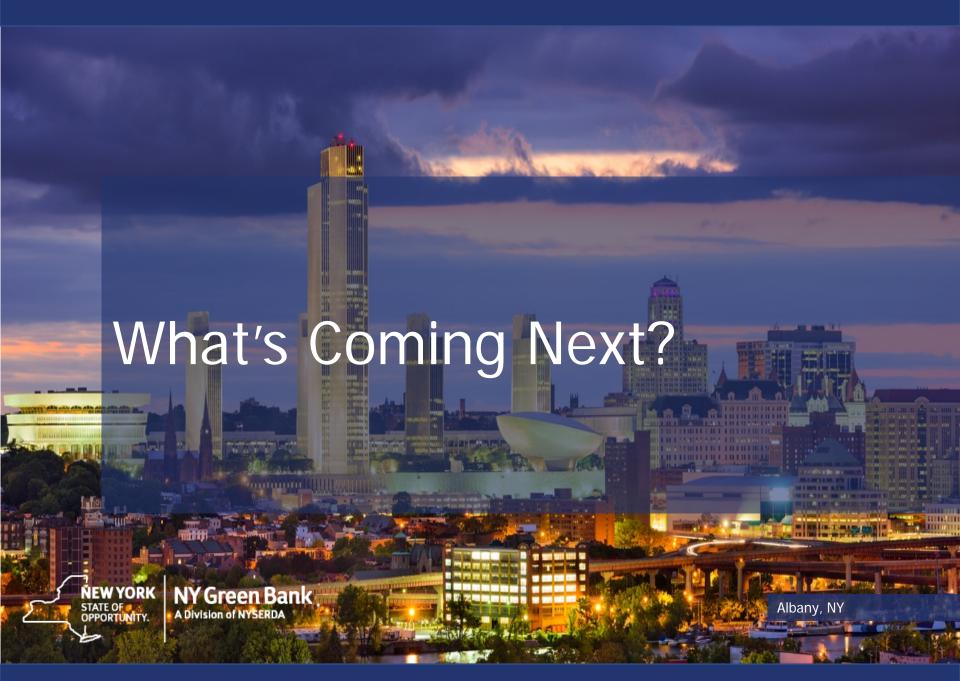


NYGB Analysis; SS&C Data



Revenues & Expenses (Cumulative)





What's Coming Next

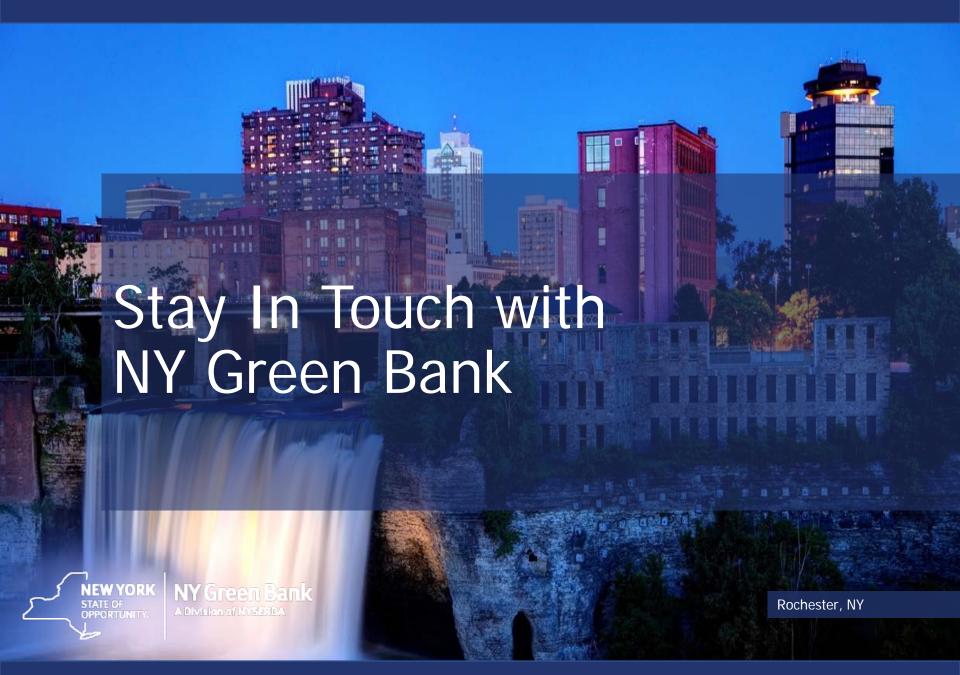
Request for Proposal for Strategic Advisory & Placement Agent Services

- Consistent with recent announcements by Governor Cuomo, NYGB publicly issued an RFP for services related to its proposed third-party capital raising
- On the proposal due date (January 16, 2018), multiple proposals were received, and these are currently being evaluated with a final selection of a provider expected in the next weeks
- Following execution of contracts with the selected provider, the advisory scope of work will commence, with final recommendations as to target investor type, governance and structure expected in the ensuing months
- NYGB will continue to provide updates on material developments related to its expansion and capital-raising efforts in future Quarterly Reports

Next Quarterly Report

For the quarter ending March 31, 2018 will be filed with the PSC on May 15,
 2018





Stay In Touch with NY Green Bank

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A&D



