

NEW YORK CITY HOUSING AUTHORITY

THREE-THOUSAND ONE HUNDRED AND FORTY-THIRD MEETING

Minutes of Board Meeting

Tuesday, November 26, 2019

The meeting was held at the office of the Authority, 250 Broadway, New York City. A Quorum being present, the Chair called the meeting to order.

Present: Gregory Russ, Chair
Kathryn Garcia, Vice-Chair
Joseph Adams, Member
Paula Gavin, Member
Matt Gewolb, Member
Victor A. Gonzalez, Member
Vito Mustaciuolo, General Manager
Jacqueline C. Hernandez, Esq., Corporate Secretary

NEW YORK CITY HOUSING AUTHORITY
Office of the Corporate Secretary

Minutes
Regular Meeting
Tuesday, November 26, 2019

I. Authority Minutes

Adoption of Minutes of Regular Meeting, Wednesday, October 30, 2019

APPROVED

II. Chair's Report

III. Authority Calendar

Calendar of Regular Meeting, Tuesday, November 26, 2019

1 Authorization to Amend the Section 8 Administrative Plan

Location:	Non-Development
Administering Department:	Leased Housing - Client Services
Funding Source:	N/A
Amount:	N/A
Projected Section 3 Hires:	Not Required

Authorization is requested to amend the Authority's Section 8 Administrative Plan, most recently amended by Board Resolution 18-9/27-47, in accordance with the United States Department of Housing and Urban Development ("HUD") regulation 24 CFR 982.54(d)(1) governing the Section 8 Housing Choice Voucher Program, to (i) revise policies to be consistent with new HUD guidelines on fair housing, program admissions and eligibility, payment standards, Housing Quality Standards, and other general program policies, and (ii) address minor edits to provide better clarification of existing policies.

APPROVED

APPROVED = UNANIMOUS

N/A = NOT APPLICABLE

2 Authorization of a Funding Increase to the Agreement with Interface Cable Assemblies and Services Corp.

Location:	Various (Citywide)
Administering Department:	IT Infrastructure
Funding Source:	Operating & Capital – Federal & Section 8
Amount:	\$2,766,825.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to the agreement with Interface Cable Assemblies and Services Corp. for the purchase of cabling-related hardware (wired and wireless), implementation of cabling and hardware, and maintenance and support of the Authority's wired and wireless infrastructure, authorized by Board Resolution 17-6/28-25, and as subsequently amended for a three-year term, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the three-year term, which commenced on January 1, 2018 and is continuing through December 31, 2020, pursuant to the terms and conditions of the New York City Metropolitan Transit Authority Contract Number 17718, PO Number 6030245341.

APPROVED

3 Award of a Contract for Gas Piping Replacement

Location:	Edenwald
Administering Department:	Capital Projects Division – Project Management Team 2
Funding Source:	Capital – Federal
Amount:	\$7,565,792.00
Projected Section 3 Hires:	4

Authorization is requested to award this contract to the lowest responsive and responsible bidder, D.D.S. Mechanical Plumbing & Heating Corp.

APPROVED

4 Award of a Contract for Gas Piping Replacement

Location:	Senator Wagner
Administering Department:	Capital Projects Division – Project Management Team 3
Funding Source:	Capital – Federal & City
Amount:	\$6,887,000.00
Projected Section 3 Hires:	2

Authorization is requested to award this contract to the lowest responsive and responsible bidder, Skountzos Plumbing & Heating Corp.

APPROVED

5 Award of a Contract for Trash Hoist Replacement with Vertical Reciprocating Conveyors

Location:	Washington
Administering Department:	Capital Projects Division – Project Management Team 3
Funding Source:	Capital – Federal
Amount:	\$2,783,303.00
Projected Section 3 Hires:	6

Authorization is requested to award this contract to the sole responsive and responsible bidder, Ziaur Bhuiyan DBA Dynamic Construction Company.

APPROVED

6 Award of a Contract for Roofing Replacement and Rooftop Structure Renovation

Location:	South Jamaica I
Administering Department:	Capital Projects Division – Project Management Team 1
Funding Source:	Capital – City
Amount:	\$24,366,818.00
Projected Section 3 Hires:	5

Authorization is requested to award this contract to the lowest responsive and responsible bidder, Zoria Housing LLC. The first lowest bidder was deemed non-responsive for failure to satisfy the requisite prior work experience, as outlined in the Authority's bid documents.

APPROVED

7 Award of a Contract for Roofing Replacement and Rooftop Structure Renovation

Location:	South Jamaica II
Administering Department:	Capital Projects Division – Project Management Team 1
Funding Source:	Capital – City
Amount:	\$18,921,770.00
Projected Section 3 Hires:	5

Authorization is requested to award this contract to the lowest responsive and responsible bidder, J & N Construction Group Corp.

APPROVED

8 Award of a Contract for Roofing Replacement and Rooftop Structure Renovation

Location:	Tompkins
Administering Department:	Capital Projects Division – Project Management Team 1
Funding Source:	Capital – City
Amount:	\$13,876,597.50
Projected Section 3 Hires:	4

Authorization is requested to award this contract to the lowest responsive and responsible bidder, Neelam Construction Corporation.

APPROVED

9 Award of a Job Order Contract for Brickwork

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Operating & Capital – Federal, City, FEMA & Other
Amount:	\$5,000,000.00
Projected Section 3 Hires:	TBD Per Task Order

Authorization is requested to award this Job Order Contract ("JOC") to the lowest responsive and responsible bidder, WDF Inc. The first lowest bidder was deemed non-responsive for incorrectly filling out the bid documents. This JOC also provides for two (2) one-year renewal options to be exercised at the Authority's sole discretion.

APPROVED

10 Award of a Job Order Contract for Heating, Ventilating and Air-Conditioning

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Operating & Capital – Federal, City, FEMA & Other
Amount:	\$7,000,000.00
Projected Section 3 Hires:	TBD Per Task Order

Authorization is requested to award this Job Order Contract ("JOC") to the lowest responsive and responsible bidder, WDF Inc. This JOC also provides for two (2) one-year renewal options to be exercised at the Authority's sole discretion.

APPROVED

11 Award of a Job Order Contract for Plumbing

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Operating & Capital – Federal, City, FEMA & Other
Amount:	\$5,000,000.00
Projected Section 3 Hires:	TBD Per Task Order

Authorization is requested to award this Job Order Contract ("JOC") to the lowest responsive and responsible bidder, WDF Inc. This JOC also provides for two (2) one-year renewal options to be exercised at the Authority's sole discretion.

APPROVED

12 Award of a Job Order Contract for Roofing

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Operating & Capital – Federal, City, FEMA & Other
Amount:	\$5,000,000.00
Projected Section 3 Hires:	TBD Per Task Order

Authorization is requested to award this Job Order Contract ("JOC") to the lowest responsive and responsible bidder, WDF Inc. The first lowest bidder was deemed non-responsive for incorrectly filling out the bid documents. This JOC also provides for two (2) one-year renewal options to be exercised at the Authority's sole discretion.

APPROVED

13 Rejection of All Bids for a Job Order Contract for Brickwork

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	N/A
Amount:	N/A
Projected Section 3 Hires:	Not Required

Rejection of all bids is recommended in the best interest of the Authority. This Job Order Contract will be re-bid.

APPROVED

14 Rejection of All Bids for a Job Order Contract for Brickwork

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	N/A
Amount:	N/A
Projected Section 3 Hires:	Not Required

Rejection of all bids is recommended in the best interest of the Authority. This Job Order Contract will be re-bid.

APPROVED

15 Rejection of All Bids for a Job Order Contract for Roofing

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	N/A
Amount:	N/A
Projected Section 3 Hires:	Not Required

Rejection of all bids is recommended in the best interest of the Authority. This Job Order Contract will be re-bid.

APPROVED

16 Rejection of All Bids for a Job Order Contract for Roofing

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	N/A
Amount:	N/A
Projected Section 3 Hires:	Not Required

Rejection of all bids is recommended in the best interest of the Authority. This Job Order Contract will be re-bid.

APPROVED

17 Award of a Contract for Community Center Upgrade and Roofing Replacement

Location:	Unity Plaza (Sites 4, 5A, 6, 7, 9 11, 12, 27)
Administering Department:	Capital Projects Division – Project Management Team 2
Funding Source:	Capital – Federal & City
Amount:	\$4,137,450.00
Projected Section 3 Hires:	1

Authorization is requested to award this contract to the lowest responsive and responsible bidder, UTB-United Technology, Inc.

APPROVED

- 18 Authorization of a Funding Increase to the Agreement with Facility Strategies Group, LLC

Location:	Various (Citywide)
Administering Department:	Capital Projects Division – Energy Programs
Funding Source:	Operating & Capital – Federal & Loans Proceeds
Amount:	\$1,500,000.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this agreement with Facility Strategies Group, LLC for engineering and consulting services, which did not require initial Board authorization and as subsequently amended for an initial three-year term with two (2) one-year renewal options, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the first one-year renewal option term, and the anticipated second one-year renewal option term which commenced on June 27, 2019 and is continuing through June 26, 2021.

APPROVED

- 19 Authorization of a Funding Increase to the Agreement with D & B Engineers and Architects, P.C. Related to the Response to and Recovery from Hurricane Sandy

Location:	Carleton Manor & Redfern
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Capital – FEMA
Amount:	\$1,431,670.06
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this agreement with D & B Engineers and Architects, P.C. for professional construction management as agent services, authorized by Board Resolution 15-3/25-6 and as subsequently amended for a five-year term, to increase the not-to-exceed amount, in order to fund the additional assigned work during the remainder of the five-year term, which commenced on April 22, 2015 and is continuing through April 21, 2020.

APPROVED

- 20 Authorization to Ratify an Amendment to the Agreement with Kohn Pedersen Fox Associates P.C. Related to the Response to and Recovery from Hurricane Sandy

Location:	Red Hook East, Red Hook West (Bldgs. 1-4) & Red Hook West (Bldgs. 15-25)
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Capital – FEMA
Amount:	\$32,500.00
Projected Section 3 Hires:	Not Required

Authorization is requested to ratify an amendment to this agreement with Kohn Pedersen Fox Associates P.C. for architectural and engineering services, authorized by Board Resolution 15-2/25-12 and as subsequently amended for a five-year term, to increase the not-to-exceed amount, in order to fund the additional assigned work during the remainder of the five-year term, which commenced on April 28, 2015 and is continuing through April 27, 2020.

APPROVED

- 21 Authorization to Ratify a Change Order to Contract No. GR1429247 Awarded to Adam's European Contracting Inc. Related to the Response to and Recovery from Hurricane Sandy

Location:	Gowanus
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Capital – FEMA
Amount:	\$1,163,507.98
Projected Section 3 Hires:	Not Required

Authorization is requested to ratify a change order to this contract awarded to Adam's European Contracting Inc. for restoration, authorized by Board Resolution 17-1/25-4 and as subsequently amended for an initial 790-day term, to increase the amount, in order to fund the additional assigned work during the initial 790-day term and the extended 365-day term, which commenced on May 8, 2017 and is continuing through July 6, 2020.

APPROVED

- 22 Authorization to Ratify a Change Order to Contract No. GR1429247 Awarded to Adam's European Contracting Inc. Related to the Response to and Recovery from Hurricane Sandy

Location:	Gowanus
Administering Department:	Capital Projects Division – Recovery & Resilience
Funding Source:	Capital – FEMA
Amount:	\$1,050,000.00
Projected Section 3 Hires:	Not Required

Authorization is requested to ratify a change order to this contract awarded to Adam's European Contracting Inc. for restoration, authorized by Board Resolution 17-1/25-4 and as subsequently amended for an initial 790-day term, to increase the amount, in order to fund the additional assigned work during the extended 365-day term, which commenced on July 7, 2019 and is continuing through July 6, 2020.

APPROVED

- 23 Authorization of a Funding Increase to the Agreement with Output Services Group, Inc.

Location:	Various (Citywide)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$257,400.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this agreement with Output Services Group, Inc. for lead-based paint and window guard annual notices, which did not require initial Board authorization and as subsequently amended for an initial three-year term with two (2) one-year renewal options, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial three-year term, which commenced on December 28, 2018 and is continuing through December 27, 2021.

APPROVED

- 24 Authorization of a Funding Increase to Requirement Contract No. 1817584 Awarded to Amazonas Painting Corp.

Location:	Reid Apartments
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$255,369.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Amazonas Painting Corp. for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on August 13, 2018 and is continuing through August 12, 2021.

APPROVED

- 25 Authorization of a Funding Increase to Requirement Contract No.1809669 Awarded to Bloom Construction, Inc.

Location:	Marble Hill (LLC I)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$352,428.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Bloom Construction, Inc. for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on May 18, 2018 and is continuing through May 17, 2021.

APPROVED

- 26 Authorization of a Funding Increase to Requirement Contract No.1800444 Awarded to Satgur Construction, Inc.

Location:	Polo Grounds Towers
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$486,208.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Satgur Construction, Inc. for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on April 11, 2018 and is continuing through April 10, 2021.

APPROVED

- 27 Authorization of a Funding Increase to Requirement Contract No.1814350 Awarded to Satgur Construction, Inc.

Location:	Williamsburg
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$534,511.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Satgur Construction, Inc. for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on June 13, 2018 and is continuing through June 12, 2021.

APPROVED

- 28 Authorization of a Funding Increase to Requirement Contract No. 1818245 Awarded to Top-Notch Painting Inc.

Location:	Redfern
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$253,168.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Top-Notch Painting Inc. for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on August 20, 2018 and is continuing through August 19, 2021.

APPROVED

- 29 Authorization of a Funding Increase to Requirement Contract No.1813471 Awarded to New Essex Floor Covering, Inc

Location:	Rutgers (LLC I)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$272,860.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to New Essex Floor Covering, Inc for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on July 13, 2018 and is continuing through July 12, 2021.

APPROVED

- 30 Authorization of a Funding Increase to Requirement Contract No. 1814219 Awarded to Simco Enterprises, Corp.

Location:	Red Hook West (Bldgs. 1-4)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$426,481.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Simco Enterprises, Corp. for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on June 28, 2018 and is continuing through June 27, 2021.

APPROVED

- 31 Authorization of a Funding Increase to Requirement Contract No.1815296 Awarded to New Essex Floor Covering, Inc

Location:	Marlboro (LLC I)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$470,855.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to New Essex Floor Covering, Inc for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on September 12, 2018 and is continuing through September 11, 2021.

APPROVED

- 32 Authorization of a Funding Increase to Requirement Contract No.1812436 Awarded to New Essex Floor Covering, Inc

Location:	Ocean Hill Apartments & Saratoga Village
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$112,010.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to New Essex Floor Covering, Inc for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on August 20, 2018 and is continuing through August 19, 2021.

APPROVED

- 33 Authorization of a Funding Increase to Requirement Contract No.1806599 Awarded to Virinder, Inc.

Location:	Various (Manhattan)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$339,236.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Virinder, Inc. for maintenance painting of apartments, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on August 15, 2018 and is continuing through August 14, 2021.

APPROVED

- 34 Authorization of a Funding Increase to Requirement Contract No.1825715 Awarded to United Eagle Renovations, Inc.

Location:	Various (Bronx, Brooklyn & Manhattan)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$68,391.12
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to United Eagle Renovations, Inc. for acid wash for concrete, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on August 29, 2018 and is continuing through August 28, 2021.

APPROVED

- 35 Authorization of a Funding Increase to Requirement Contract No.1831539 Awarded to Bhaghiana General Construction, Inc.

Location:	Various (Bronx, Brooklyn & Manhattan)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$48,437.19
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Bhaghiana General Construction, Inc. for wood floor repair and refinish, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on October 24, 2018 and is continuing through October 23, 2021.

APPROVED

36 Authorization of a Funding Increase to Requirement Contract No. 1823656 Awarded to Earth Link General Construction, Inc.

Location:	Various (Bronx, Brooklyn & Manhattan)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$89,589.64
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Earth Link General Construction, Inc. for graffiti removal, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on August 8, 2018 and is continuing through August 7, 2021.

APPROVED

37 Authorization of a Funding Increase to Requirement Contract No. 1819607 Awarded to EIA Electric, Inc.

Location:	Various (Bronx, Brooklyn & Manhattan)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$99,673,30
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to EIA Electric, Inc. for repair and/or replacement of public space lighting, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on July 3, 2018 and is continuing through July 2, 2021.

APPROVED

- 38 Authorization of a Funding Increase to Requirement Contract No. 1825652 Awarded to Sahara Construction Corp.

Location:	Various (Queens & Staten Island)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$654,642.96
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Sahara Construction Corp. for repair and/or replacement of roof fans, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on September 17, 2018 and is continuing through September 16, 2021.

APPROVED

- 39 Authorization of a Funding Increase to Requirement Contract No.1820728 Awarded to Metrocity Renovation Inc

Location:	Various (Bronx, Brooklyn & Manhattan)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$197,655.08
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Metrocity Renovation Inc for tub glazing, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on July 13, 2018 and is continuing through July 12, 2021.

APPROVED

40 Authorization of a Funding Increase to Requirement Contract No. 1836250 Awarded to P 786, Inc.

Location:	Boulevard (LLC II) & Belmont-Sutter Area
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$158,194.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to P 786, Inc. for removal and installation of vinyl composition floor tiles in apartments, which did not require initial Board authorization for an initial one-year term with one (1) six-month renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial one-year term and the six-month renewal option term, which commenced on January 11, 2019 and is continuing through July 10, 2020.

APPROVED

41 Authorization of a Funding Increase to Requirement Contract No. 1832678 Awarded to Beesla Painting Co., Inc.

Location:	Various (Bronx)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$52,000.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Beesla Painting Co., Inc. for removal and installation of vinyl composition floor tiles in apartments, which did not require initial Board authorization for an initial one-year term with one (1) six-month renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial one-year term and the six-month renewal option term, which commenced on November 21, 2018 and is continuing through May 20, 2020.

APPROVED

- 42 Authorization of a Funding Increase to Requirement Contract No. 1827709 Awarded to JP Handa Construction Inc

Location:	Bushwick (LLC I) & Hylan
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$45,710.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to JP Handa Construction Inc for removal and installation of vinyl composition floor tiles in apartments, which did not require initial Board authorization for an initial one-year term with one (1) six-month renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial one-year term and the six-month renewal option term, which commenced on September 26, 2018 and is continuing through March 25, 2020.

APPROVED

- 43 Authorization of a Funding Increase to Requirement Contract No. 1902934 Awarded to JP Handa Construction Inc

Location:	Van Dyke I
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$127,360.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to JP Handa Construction Inc for removal and installation of vinyl composition floor tiles in apartments, which did not require initial Board authorization for an initial one-year term with one (1) six-month renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial one-year term and the six-month renewal option term, which commenced on March 1, 2019 and is continuing through August 29, 2020.

APPROVED

44 Authorization of a Funding Increase to Requirement Contract No. 1835145 Awarded to Metrocity Renovation Inc

Location:	Isaacs, Holmes Towers & Robbins Plaza
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$25,278.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Metrocity Renovation Inc for removal and installation of vinyl composition floor tiles in apartments, which did not require initial Board authorization for an initial one-year term with one (1) six-month renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial one-year term and the six-month renewal option term, which commenced on December 18, 2018 and is continuing through June 17, 2020.

APPROVED

45 Authorization of a Funding Increase to Requirement Contract No. 1902815 Awarded to Premier Compaction Systems, LLC

Location:	Various (Queens & Staten Island)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$305,792.10
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Premier Compaction Systems, LLC for repair of interior compactor refuse management systems, which did not require initial Board authorization for an initial one-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial one-year term and the one-year renewal option term, which commenced on February 19, 2019 and is continuing through February 18, 2021.

APPROVED

- 46 Authorization of a Funding Increase to Requirement Contract No. 1831755 Awarded to Khushi Construction, Inc.

Location:	Various (Citywide)
Administering Department:	Operations – Management & Planning
Funding Source:	Operating – Federal
Amount:	\$2,000,000.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Khushi Construction, Inc. for glass and glazing replacement for main entrance doors and curtain walls, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on January 29, 2019 and is continuing through January 28, 2022.

APPROVED

- 47 Authorization of a Funding Increase to Requirement Contract No. 1820241 Awarded to M & RR Construction Corp.

Location:	Various (Citywide)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$67,190.60
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to M & RR Construction Corp. for the cleaning of basement and crawl spaces, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on July 10, 2018 and is continuing through July 9, 2021.

APPROVED

- 48 Authorization of a Funding Increase to Requirement Contract No. 1827870 Awarded to Campbell's Professional Services, LLC

Location:	Various (Bronx, Brooklyn & Manhattan)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$149,566.82
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Campbell's Professional Services, LLC for janitorial general cleaning and debris removal (move-out apartments and fire damage), which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on September 19, 2018 and is continuing through September 18, 2021.

APPROVED

- 49 Authorization of a Funding Increase to Requirement Contract No. 1812651 Awarded to Genesis Environmental Consultants Inc.

Location:	Various (Manhattan)
Administering Department:	Healthy Homes
Funding Source:	Operating – Federal
Amount:	\$945,880.63
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Genesis Environmental Consultants Inc. for lead-based paint dust wipe inspection and testing, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on May 29, 2018 and is continuing through May 28, 2021.

APPROVED

50 Authorization of a Funding Increase to Requirement Contract No.1822125 Awarded to EIA Electric, Inc.

Location:	Various (Bronx, Brooklyn & Manhattan)
Administering Department:	Operations – NextGen Operations NGO1
Funding Source:	Operating – Federal
Amount:	\$278,174.74
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to EIA Electric, Inc. for service of electro-magnetic locks, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on July 26, 2018 and is continuing through July 25, 2021.

APPROVED

51 Award of a Requirement Contract for the Purchase, Installation, Maintenance and Repair of Copper and Silver Ionization Systems

Location:	Various (Citywide)
Administering Department:	Operations - Technical Services
Funding Source:	Operating – Federal
Amount:	\$4,808,779.16
Projected Section 3 Hires:	4

Authorization is requested to award this requirement contract to the lowest responsive and responsible bidder, LiquiTech, Inc. This requirement contract also provides for a one (1) one-year renewal option to be exercised at the Authority's sole discretion.

APPROVED

52 Authorization to Ratify the Award of a Contract for the Purchase and Delivery of Five (5) Mobile Boilers

Location:	Various (Citywide)
Administering Department:	Operations – Heating Management & Services
Funding Source:	Operating - Federal
Amount:	\$1,625,000.00
Projected Section 3 Hires:	Not Required

Authorization is requested to ratify the award of this contract to the lowest responsive and responsible bidder, Limited Enterprise, Inc. There are no renewal options.

APPROVED

53 Award of a Requirement Contract for Monthly Rental, Delivery, and Mobilization of Twelve (12) Generators

Location:	Jackson
Administering Department:	Operations – Management, Bronx Property
Funding Source:	Operating – Federal
Amount:	\$8,692,431.16
Projected Section 3 Hires:	0

Authorization is requested to award this requirement contract to the sole responsive and responsible bidder, United Rentals (North America), Inc. This requirement contract also provides for three (3) six-month renewal options to be exercised at the Authority's sole discretion.

APPROVED

54 Authorization to Enter into an Agreement with Konica Minolta Business Solutions U.S.A., Inc.

Location:	Non-Development
Administering Department:	General Services
Funding Source:	Operating – Federal
Amount:	\$3,110,380.46
Projected Section 3 Hires:	0

Authorization is requested to enter into this agreement with Konica Minolta Business Solutions U.S.A., Inc. for the purchase and maintenance of twelve (12) high volume production printers, commencing on December 30, 2019 and continuing through December 29, 2024, or commencing on such other date as may be determined by the General Manager or the Executive Vice-President and Chief Administrative Officer, and continuing for five (5) years thereafter, pursuant to the terms and conditions of the New York State Office of General Services Contract Number PS66607 (Award Number 22661, Group Number 75525). There are no renewal options.

APPROVED

55 Authorization of a Funding Increase to Requirement Contract No. 1729507 Awarded to Summit Offset Service Ltd.

Location:	Non-Development
Administering Department:	Supply Management and Procurement
Funding Source:	Operating – Federal
Amount:	\$42,998.00
Projected Section 3 Hires:	Not Required

Authorization is requested to approve a funding increase to this requirement contract awarded to Summit Offset Service Ltd. for maintenance on offset printing equipment, which did not require initial Board authorization for an initial two-year term with one (1) one-year renewal option, to increase the not-to-exceed amount, in order to fund the continued provision of services during the remainder of the initial two-year term and the one-year renewal option term, which commenced on October 30, 2017 and is continuing through October 29, 2020.

APPROVED

- 56 Authorization to (i) Submit Documents to HUD for RAD/Section 18 Conversion; (ii) Form Authority Corporate Affiliates; (iii) Enter into one (1) or more Ninety-Nine (99) Year Leases; (iv) Enter into a PILOT Agreement; and (v) Provide Lessor’s Financing and Authority Subordinate Subsidy Financing

Location:	Various (Brooklyn)
Administering Department:	Real Estate Development
Funding Source:	N/A
Amount:	N/A
Projected Section 3 Hires:	90

Authorization is requested, as it relates to the conversion of nine (9) developments in Brooklyn (collectively, the “Project Site”), consisting of 2,625 units in Kings County, New York from Section 9 of the Housing Act to long-term project-based Section 8 rental assistance pursuant to the Rental Assistance Demonstration program under the United States Department of Housing and Urban Development (“HUD”) Notice H 2019-09/PIH-2019-23 REV-4, as amended, and through the Authority’s Permanent Affordability Commitment Together initiative, Part 200, and Section 18 of the Housing Act (the “Project”), to i) submit documents to HUD for conversion approvals; ii) form corporate affiliates of the Authority for use in the organizational structure of such transactions; iii) upon HUD approvals and NYC Housing Development Corporation disclosure clearance of the Developer (referenced hereinafter), enter into one (1) or more ninety-nine (99) year leases and other documents with the corporate affiliates and The Arker Companies, Omni New York LLC, Dabar Development Partners, and Bedford Stuyvesant Restoration Corporation for the Project Site’s leasehold conveyance and financing; iv) enter into a Payment in Lieu of Taxes agreement with the City for the exemption of real estate taxes on the Project Site; and v) provide lessor’s financing and subordinate subsidy financing from the Authority, which will be evidenced by one or more notes and secured by one or more mortgages, and vi) take such further action as may be necessary to consummate the Project.

APPROVED

- 57 Authorization to (i) Ratify a Funding Increase to the Retainer Agreement with Crowell & Moring LLP and (ii) Approve a Funding Increase to the Retainer Agreement

Location:	Non-Development
Administering Department:	Law
Funding Source:	Operating – Self Insurance
Amount:	\$50,000.00
Projected Section 3 Hires:	Not Required

Authorization is requested to (i) ratify a funding increase to this retainer agreement with Crowell & Moring LLP for outside counsel services in connection with governmental investigations and resulting or related claims, litigation and causes of action which did not require initial Board authorization for the duration of the inquiry, to increase the not-to-exceed amount, in order to fund the cost of legal services already rendered, which commenced on January 11, 2019 and is continuing through the duration of the inquiry, and (ii) approve a funding increase to this retainer agreement with Crowell & Moring LLP, to increase the not-to-exceed amount, in order to fund the continued provision of legal services during the duration of the inquiry.

APPROVED

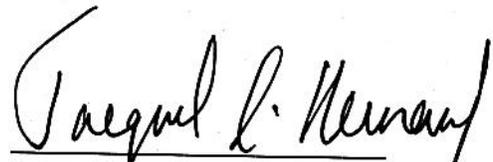
58 Authorization to Commence the Process to (i) Establish the Authority's Committees, (ii) Develop Charters for the Committees, and (iii) Approve the Chair's Appointments to the Committees

Location:	Non-Development
Administering Department:	Law
Funding Source:	N/A
Amount:	N/A
Projected Section 3 Hires:	Not Required

Authorization is requested to commence the process to (i) establish the committees referenced below (the "Committees"), (ii) develop charters for the Committees, and (iii) approve the Chair's appointments to the Committees, subsequent to the Authority's amendment to Section 1.04 of the Authority's By-Laws.

Audit and Finance Committee
Operations, Compliance and Capital Investments Committee
Resident and Community Affairs Committee
Governance Committee

APPROVED


Jacqueline C. Hernandez, Esq.
Corporate Secretary

NYCHA Briefing on Heat Preparedness

November 26, 2019



Agenda

- Overview of Heat Preparedness
- Q&A

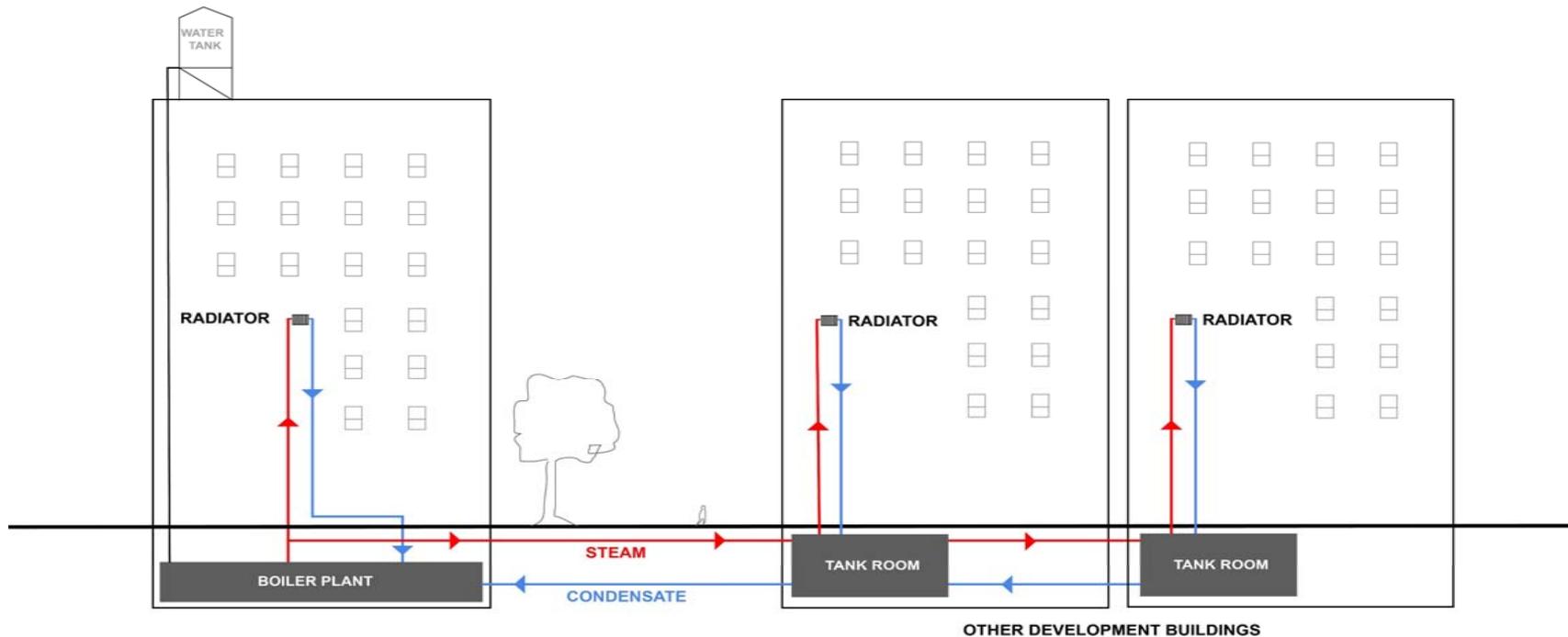
Heat Preparedness - Background

- NYCHA maintains a vast heating operation—either directly or through a third party vendor—including*:
 - 1,713 boilers
 - 1,492 vacuum tanks
 - 847 instantaneous water heaters.
- NYCHA’s heating operation is managed by the Heating Management Services Department (HMSD):
 - 549 full-time staff as of October 31, 2019
 - Total FY19 budget is \$115 million, including federal operating dollars and City funding
- The HMSD is responsible for management and repair of boiler plants, tank rooms, and ancillary equipment to maintain NYCHA’s building heating systems, from the boiler plants to the heat distribution pipes to the apartment radiators.

* HMSD is in the process of verifying all asset data. Figures are subject to change.

Heat Preparedness - Background

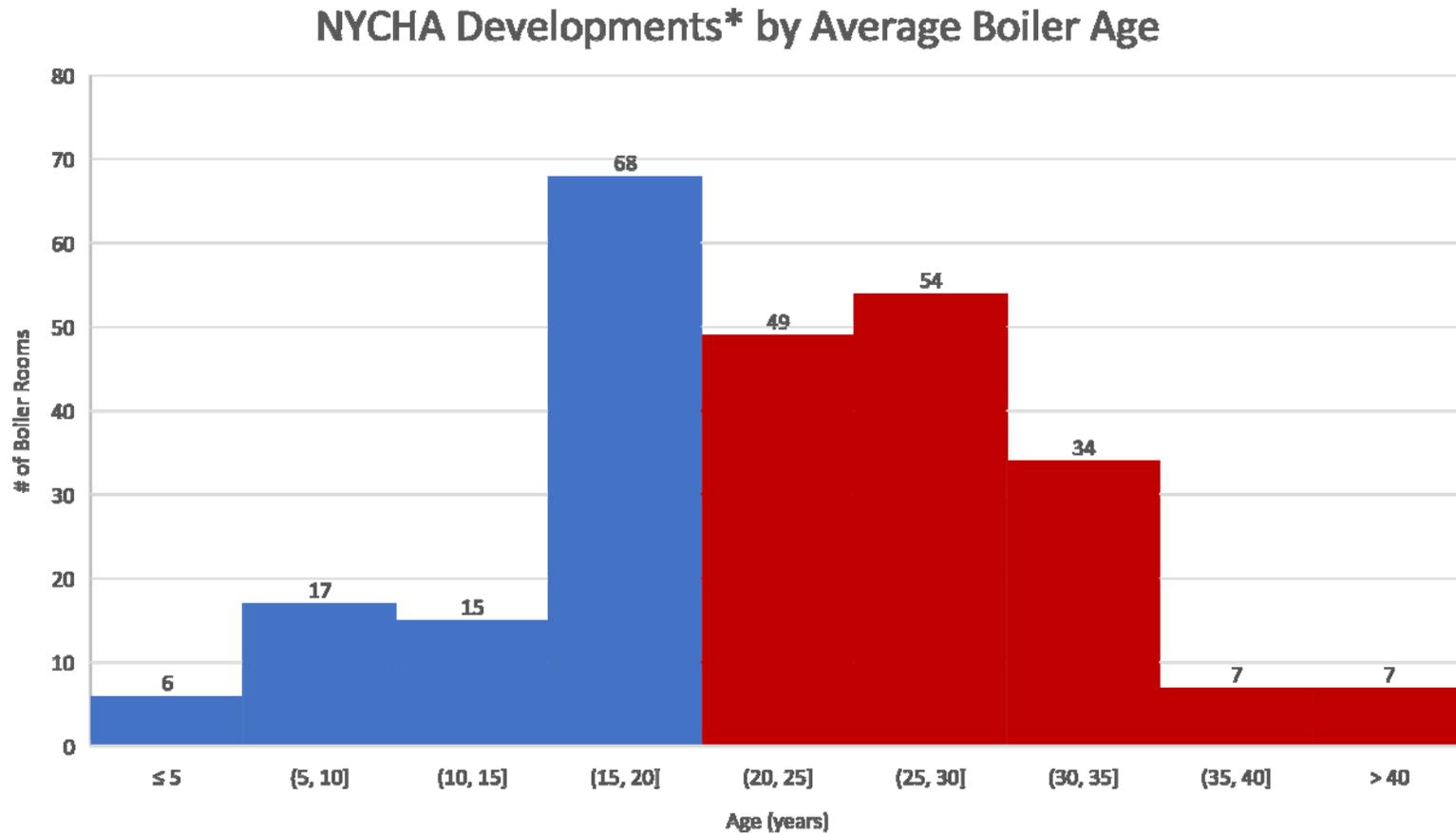
HMSD maintains a vast heating operation—170,000 apartments in 2,300 buildings—which includes a wide range of heating systems and assets, mostly arranged as “central steam” whereby a single boiler room distributes steam to buildings throughout a conventional development, which is pumped into radiators in each unit.



There are, however, many different types of heating systems at NYCHA, each requiring a different and unique set of skills and parts when outages occur.

Heat Preparedness - Background

A majority of the assets are, or will soon be, past their useful life. These aging boiler rooms must also rely on deteriorating distribution lines and equipment that are, in many cases, as old as the buildings themselves.



*Excludes developments that do not have boilers because they receive steam from a nearby development or directly from Con-Ed. HMSD is in the process of verifying all asset data. Figures are subject to change.

Heat Preparedness - Background

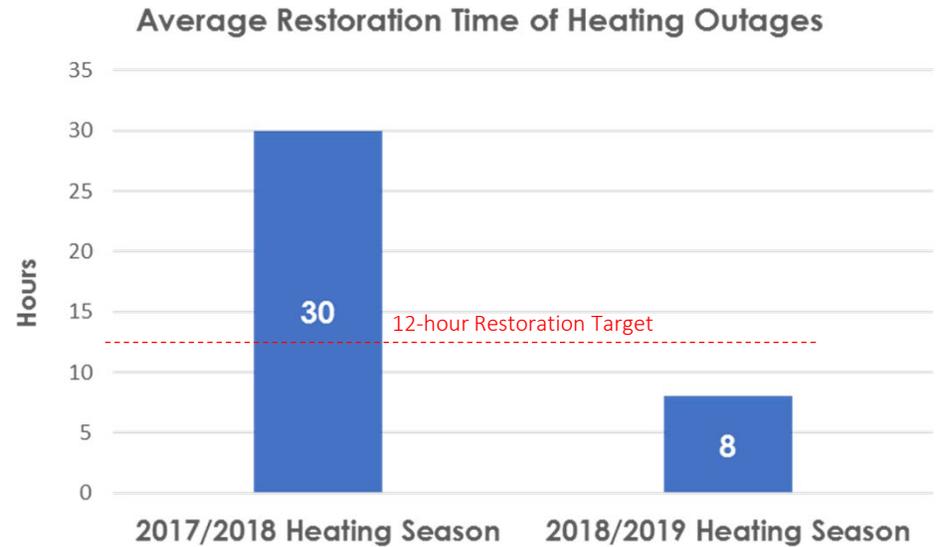
New York State Multiple Dwelling Law § 79 and the New York City Administrative Code § 27-2029, both impose minimum apartment temperature requirements between October 1 and May 31. The City Administrative Code provides the stricter standard:

Time of Day	If temperature falls below	Required minimum internal temperature
6am-10pm	55°	68°
10pm-6am	ANY TEMP	62°

Heat Preparedness - Background

Despite the challenges associated with NYCHA’s aging heating assets, HMSD has made significant operational changes and is, as of last heating season, meeting the HUD Agreement performance targets.

Dates	Oct 1 st -Nov 25, 2018	Oct 1-Nov 25, 2019
Outages	281	151
Restoration Time	11	9



HUD Agreement Performance Requirements						
Heating Season	# Of Outages	Average Restoration Time	% of Outages 0 to 12 Hours	% of Outages 0 to 24 Hours	% of Outages more than 24 hours	% of Outages more than 48 hours
2017/2018	1,776	30	43%	60%	40%	29%
2018/2019	1,218	8	83%	96%	4%	<1%
2019/2020 (10/1/19-11/25/19)	151	9.0	82%	93%	7%	0%

Pre-Season Preparedness

HMSD performs an annual inspection process of all NYCHA's heat generating and distribution equipment.

The key assets inspected are:

- Boilers
- Hot Water Heaters
- Vacuum Tanks

Pre-Season Preparedness

Equipment Replacement

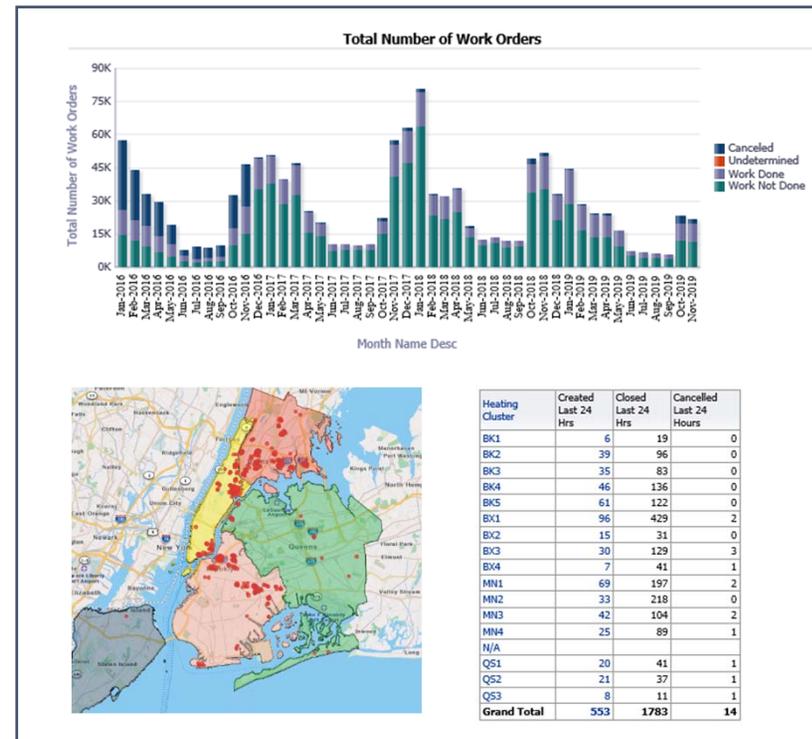
Utilized \$20mm in City funding to address critical assets through the portfolio.

Item	Asset Quantity	Cost
Boiler Room Condensate Tank Replacement	3	\$ 362,455
Mobile Boiler	5	\$ 1,807,680
Burner Replacements	11	\$ 1,845,092
Stand Alone Tank Replacement	21	\$ 282,369
Isolation Valve Replacement	184	\$ 91,168
Feed Water Line Replacement	10	\$ 583,238
Repipe Heating Mains in Basement	1	\$ 81,936
Hot Water Boiler Replacement	5	\$ 362,816
Hydro therm-Heat Boiler Replacement	27	\$ 1,438,102
Instantaneous Hot Water Unit	25	\$ 3,053,673
Hot Water Boiler w/ 2 Storage Tanks	1	\$ 238,836
Boiler Room Lighting Upgrade	3	\$ 51,934
Vacuum Tank Replacement	43	\$ 2,309,875
Sump Pump Replacement	5	\$ 68,300
Zone Valve Replacement	128	\$ 4,962,096
Heat Control Panel Replacement	105	\$ 1,839,448
Boiler Room Gas Booster Pump Replacement	1	\$ 248,105
Total		\$ 19,123,208

Pre-Season Preparedness

Operations Improvements

- Heating Dashboard
- 24/7 Heat Desk
- Daily Heat Calls
- 24/7 Staff Coverage and increased headcount
- Heat Plant Technician Training
- Situation Room



Resident Notification/Communication

- HMSD posts all notices in affected buildings for all planned and unplanned outages and attaches a picture of the posted notices to the outage work order.
 - Automated calls remind residents of planned service disruptions
 - Unplanned outages trigger robocalls at the beginning of outage and when the service is restored.
 - Planned and Unplanned Heating Outages on the Resident section of the NYCHA website in the Service Interruptions Overview.
 - Interactive Voice Response features added to robocalls
 - MYNYCHA Application upgrades will allow residents to opt-in to receive push notifications.

Resident Notification/Communication

- Policies to address work orders when the Resident is not home included in Standard Procedure
- Modified Customer Contact Center and MYNYCHA app triage questions

The image shows a tweet from NYCHA (@NYCHA) with a 'Follow' button. The tweet text reads: "Warming centers are open across the City for residents experiencing issues. Please use the MyNYCHA app or call the CCC at 718-707-7771 to report any heat or hot water problems." Below the tweet is a graphic for "MARTIN LUTHER KING JR DAY" with the text: "In preparation for the freezing temperatures, NYCHA has activated warming centers in all five boroughs." Below this is a table listing the locations of these warming centers.

Borough	Center	Development	Address
Bronx	BronxWorks	Saint Mary's Park	595 Trinity Avenue
Brooklyn	Brooklyn Bureau Community Services	Carey Gardens	2315 Surf Avenue
Brooklyn	University Settlement Society of New York, Inc.	Ingersoll	177 Myrtle St.
Brooklyn	El Puente de Williamsburg	Taylor-Wythe	80 Clymer St.
Brooklyn	NYCHA	Brownsville Senior Center	528 Mother Gaston Blvd
Manhattan	Graham-Windham Services To Families & Children	Manhattanville	530 West 133rd Street
Manhattan	Grand Street Settlement, Inc.	Rutgers	200 Madison Street
Manhattan	Union Settlement	White Community Center	237 E 104 th Street
Queens	Action Center of Education and Community Development, Inc.	Hammel	81-14 Rockaway Beach Blvd.
Queens	NYCHA	Bland Senior Center	40-21 College Point Blvd
Staten Island	Jewish Community Center of Staten Island, Inc.	Carter (Gerard Carter/Stapleton)	230 Broad Street

Resident Notification/Communication

Indoor Temperature Sensor Readings at NYCHA Developments

Daytime (6:00am to 10:00pm) Temperature Reading Below 68F When Outside is Below 55F

Nighttime (10:00pm to 6:00am) Temperature Below 62F

Show All

CASTLE HILL				
Building	Total Apartments	Online Sensors	Temperature Exceptions	
080.02	138	136	6	Show
080.03	141	139	26	Show
080.11	135	11	2	Show
080.12	137	35	13	Show
080.01	131	131	12	Show
080.04	143	143	6	Show
080.05	43	43	1	Show
080.09	17	17	3	Hide

TEMPERATURE EXCEPTIONS			
Time of Reading	Apartment Temperature	Average Building Temperature	Actual Outdoor Temperature
11/13/2019 12:14 PM	67.0	75.2	29.7
11/13/2019 12:24 PM	60.0	75.2	29.7
11/13/2019 01:36 PM	65.0	75.2	29.7

<https://my.nycha.info/PublicSite/Transparency/IndoorTemp>

Service Interruptions Overview

HEAT/HOT WATER/WATER ELEVATOR (2) GAS (52)

Current NYCHA Heat & Hot Water Service Interruptions as of November 14, 2019 at 11:14 AM.

Total	Service Interruptions	Developments	Buildings	Units	Residents
Planned	0	0	0	0	0
Unplanned	6	5	45	2,647	6,262

CURRENT (6) RESTORED WITHIN LAST 24 HOURS (13) UPCOMING PLANNED OUTAGES (14)

Address	Type of outage	Was it planned?	When was it reported?	What is the impact?
INDEPENDENCE - Building 04 121 WILSON STREET BROOKLYN, NY 11211	Heat Hot Water	Unplanned Unplanned	11/13/19 04:25 PM	Buildings: 1 Units: 123 Residents: 280
INDEPENDENCE - Building 03 125 TAYLOR STREET BROOKLYN, NY 11211	Heat Hot Water	Unplanned Unplanned	11/13/19 04:25 PM	Buildings: 1 Units: 122 Residents: 293
LINCOLN - Building 01 60 EAST 135TH STREET NEW YORK, NY 10037	Hot Water	Unplanned	11/14/19 10:00 AM	Buildings: 1 Units: 126 Residents: 264
MORRIS - Entire Development	Heat Hot Water	Unplanned Unplanned	11/14/19 03:10 AM	Buildings: 10 Units: 1,085 Residents: 2,823

Longer-term Outage Procedure

Mobile Boilers

- In the event of a major boiler room failure or where restoring the plant is projected to take significantly longer than 24 hours, NYCHA uses mobile boilers to restore heat to the residents. This is, however, a last resort since installing a mobile boiler can take upwards of 48 hours in ideal circumstances.
- As of October 1, 2019, NYCHA had 62 mobile boilers installed and operating or staged.
- To reduce the time it takes to install a mobile boiler, and in doing so make it a more viable option for restoring heat service during an emergency, NYCHA is surveying all of its developments with centralized steam boiler plants and creating a centralized catalog of required parts and important installation information.

Q&A

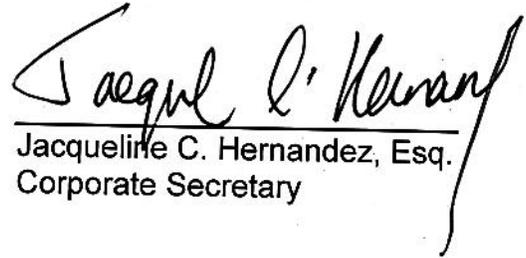
Thank you

THREE-THOUSAND ONE HUNDRED AND FORTY-THIRD MEETING

Tuesday, November 26, 2019

ADJOURNMENT

On Motion, without objection, the meeting was duly adjourned at 11:58 AM.


Jacqueline C. Hernandez, Esq.
Corporate Secretary