



Section 14 Green Requirements

New Jersey Housing and Mortgage Finance Agency

2020 LIHTC Green Requirements and Documentation

These requirements can also be found at <http://www.state.nj.us/dca/hmfa/developers/credits/green/>

FOR MORE INFORMATION & TO APPLY:

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Green Guide

- Page 2 **Required:** All tax credit projects (4% and 9%) to be **Energy Star Certified** and how to achieve, per project type.
- Page 3 NJ Office of Clean Energy decision trees and website links
- Page 4 Energy Star-Alternative paths for rehab projects
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- Pages 7-12 **Required:** of all tax credit projects (4% & 9%) to do **Energy Benchmarking**.
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9% Green point options:

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- Page(s) 14-16 Required Documents for Each Option Page
- Page 17 **2020** 9% Green Point LETTER OF INTENT

REQUIRED: FOR BOTH 4% & 9% TAX CREDIT PROJECTS – ENERGY STAR CERTIFICATION

How to achieve FOR NEW CONSTRUCTION AND GUT REHAB:

Low Rise Construction:

Energy Star Version 3.1

High Rise Construction:

Energy Star's Multifamily High Rise program (MFHR) or P4P New Construction (for buildings 7 stories and higher).

New Alternative: Energy Star Multifamily New Construction Program, version 1.1

****See Page 3 decision trees to determine whether or not your project is High Rise or Low Rise****

- Required Documents:
 - At Application:
 - Signed Letter of Intent provided by NJHMFA (See Page 6)
 - **Signed Letter of Intent – Benchmarking mandated for 4% & 9% Tax Credit Projects**
 - Signed copy of contract between the applicant and an Energy Consultant (Home Energy Rating System or HERs rater).
 - Signed Energy Star Partnership Agreement
 - Prior to Construction (at Commitment for Agency Construction-financed projects):
 - Signed *Builders Upgrade Package*, also known as, the *Preliminary Energy Analysis*, highlighting the specific energy efficiency criteria, projected HERs rating(s), and stating that the project is on track to meet Energy Star Certification.
 - **ENERGY STAR MFHR Prescriptive Path Requirements:**
 - The Proposed Design Submittal includes the following: **Testing and Verification Worksheets. Guidance Documents**
 - **ENERGY STAR MFHR Performance Path Requirements:**
 - Proposed Design Performance Path Calculator
 - Testing and Verification Worksheet
 - Post Construction (for 8609 package):
 - Energy Star Homes Certificates, showing HERS rating of each unit, issued by NJ Clean Energy Program (NJCEP) participating HERS rater or MFHR Certificate(s) issued by the EPA, for each MFHR building.
 - **ENERGY STAR MFHR Prescriptive Path Requirements:**
 - **As-Built Submittal (Submitted post construction):** Testing and Verification Worksheets and Photo Template
 - **ENERGY STAR MFHR Performance Path Requirements:**
 - **As-Built Submittal (Submitted post construction):**
 - As-Built Performance Path Calculator

- Testing and Verification Worksheets and Photo Template

ENERGY STAR MFHR Website:

- More information on program requirements, submittals, processes, and benchmarking can be found at www.energystar.gov/mfhr, mfhr@energystar.gov.
- **Benchmarking Initiative:** Complete the following steps to create a property and approval into Energy Star Portfolio Manager:
 1. All following steps will be reviewed and approved prior to the release of the Post Construction Authorization Letter
 2. Create Property Account - Name file as per NJHMFA Letter of Intent - Energy Star
 3. Create 1 property building entry, not individual buildings
 4. Create individual unit entries based on New Construction=50% and Rehab=30% minimum of total # of units
 5. Create individual unit utility meter entry(s) for electric and/or gas (Example minimum 40 units with electric & gas = 80 meter entries)
 6. Send invite to NJHMFA c/o Pamela DeLosSantos (njhmfa1) to share property and review created PM property portfolio.
 7. If all PM Property input data is approved, NJHMFA Post Construction Authorization Letter will be released

FOR MODERATE AND SUBSTANTIAL REHAB PROJECTS THAT DO NOT QUALIFY FOR ENERGY STAR OR MFHR:

Low Rise Construction:

Home Performance with Energy Star, if applicable. Please note: HPwES requires attic air sealing and a major insulation upgrade. **OR**

ASHRAE Level 2 Energy Audit w/targeted 15% Savings

**Energy Star
Alternative Paths**

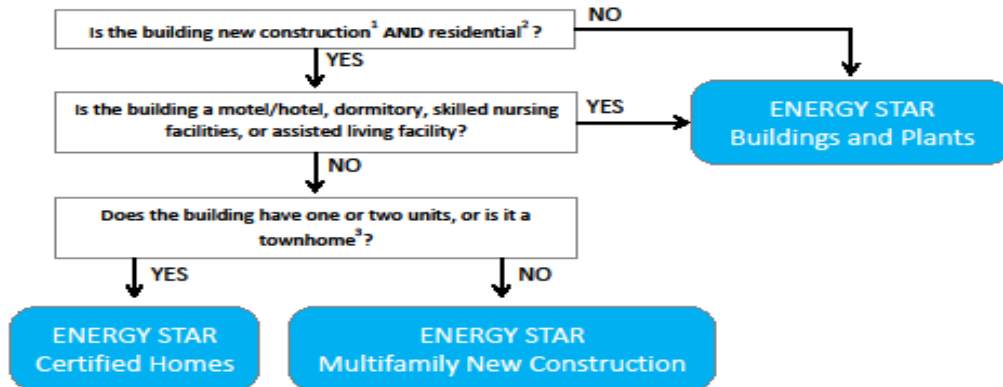
*Follow the decision trees for guidance.
Your Energy Consultant will help guide you.*

High Rise Construction:

Pay for Performance (if applicable) **OR**
ASHRAE Level 2 Energy Audit w/targeted 15% Savings

Required Documents: See **Page 6**

EPA ENERGY STAR Multifamily New Construction Program Decision Tree, Version 2.0



NOTES:

1. New construction can include significant gut rehabilitations when defined as a change of use, reconstruction of a vacant structure, or when construction work requires that the building be out of service for at least 30 consecutive days and the building is able to meet all the program requirements.
2. The primary use of the building must be for residential purpose, i.e. the residential and residential associated common space must occupy more than 50% of the building's occupiable⁴ square footage. A garage is not considered 'occupiable'. Common space includes any spaces within the building that serves a function in support of the residential part of the building that is not part of a dwelling unit. This includes spaces used by residents, such as corridors, stairs, lobbies, laundry rooms, exercise rooms, and residential recreation rooms. This also includes offices used by building management, administration or maintenance and all special use areas located in the building to serve and support the residents such as day-care facilities, gyms, dining halls, etc.
3. Townhomes may choose to use the Multifamily New Construction Checklists as well, but they must use the ERI Path and Certified Homes Reference Design. A townhome is defined as a single-family dwelling unit constructed in a group of three or more attached units in which each unit extends from the foundation to roof and with open space on at least two sides.
4. Per ASHRAE 62.2-2010, occupiable space is any enclosed space inside the pressure boundary and intended for human activities or continual human occupancy, including, but not limited to, areas used for living, sleeping, dining, and cooking, toilets, closets, halls, storage and utility areas, and laundry areas.

December 2018

NJ CLEAN ENERGY MULTIFAMILY DECISION TREES (above)

To view the above decision trees in their actual location, please visit the New Jersey Office of Clean Energy website:
https://www.energystar.gov/sites/default/files/asset/document/MFNC%20Decision%20Tree_0.pdf

Link to Approved Licensed Professionals:

https://www.energystar.gov/partner_resources/residential_new/program_reqs/mhrp/licensed

For more information on Energy Star, MFHR and all other programs, please visit the New Jersey Office of Clean Energy at: <https://www.njcleanenergy.com/>

P4P Approved Partners:

<https://njcleanenergy.com/commercial-industrial/programs/pay-performance/existing-buildings/approved-partners>

Guidance Documents:

https://www.energystar.gov/partner_resources/residential_new/program_reqs/mhrp/guidance

Home Performance with Energy Star (HPwES) eligible measures:

https://www.energystar.gov/campaign/improvements/professionals/program_requirements

HPwES approved contractors:

<https://njcleanenergy.com/residential/programs/home-performance-energy-star/home-performance-energy-star-r>

Energy Star Alternative Compliance Paths for Rehab Projects

Choose the one that best fits your project

Path 1: ASHRAE Level 2 Energy Audit w/targeted 15% energy savings (see page 7 for measures to evaluate)

Application

- NJHMFA signed Letter of Intent and Benchmarking Letter of Intent

Prior to Construction

- ASHRAE Level 2 Energy Audit per Standard 22P – recommended Energy Conservation Measures, upgrade items, energy modeling savings, and cost/payback calculations.

Post Construction

- Energy consultant's final verified Energy Conservation Measures report, including list of completed/verified ECMs with description and quantity of each, and photo documentation of each measure.
-

Path 2: Home Performance with Energy Star (NJ HPwES)

Application

- NJHMFA signed Letter of Intent & Benchmarking Letter of Intent
- Signed agreement/contract with BPI (Building Performance Institute) Goldstar NJ Clean Energy Program participating contractor.

Prior to Construction

- Copy of email from NJCEP Program Manager approving energy modeling, indicating project Total Energy Savings (TES) and incentive level. This email is issued by the NJCEP Program Manager after reviewing the proposed measures and same energy modeling.
- NJ HPwES Work Scope Approval Letter. This letter is issued by the NJCEP Program Manager for each building within the project as submitted. This letter commits the incentive funding for the project and expires in 120 days.

Post Construction

- Certificate of Completion signed by owner and contractor
- NJ HPwES Work Scope Completion Letter issued by NJCEP Program Manager for each building within the projects as completed and submitted.

Path 3: Pay for Performance (P4P) Existing Buildings

Application

- NJHMFA signed Letter of Intent & Benchmarking Letter of Intent
- Signed Agreement with P4P Program Partner

Prior to Construction

- Copy of P4P Initial Application Approval Letter and Notice to Proceed from NJCEP Program Manager
- Copy of Approved Energy Reduction Plan

Post Construction

- Copy of Substantial Completion Report
- Copy of Approval of Second Incentive

ASHRAE Level 2: Measures that Must Be Evaluated:

All items relevant to the project must be evaluated and noted. This list will assure a basic level of analysis to every project. All items must be approved by HMFA and the Energy Consultant.

Measures That Must Be Evaluated	
Envelope	Air Sealing (including weather stripping)
	Insulation - Roof Deck or Attic
HVAC	Windows - High Efficiency Windows and/or Storm Windows (when single-pane windows are present)
	Electric to Gas Conversion - Heating System
	Electric to Gas Conversion - DHW System
	Boiler - Replace Steam with Hydronic
	Boiler - Install High Efficiency Boilers (ENERGY STAR where available)
	Boiler - Separate DHW Direct-fired Boiler (condensing if gas)
	Furnace - Install High Efficiency (ENERGY STAR where available)
	Controls - Outdoor Reset Controls for Boilers
Lighting	Controls - Roof Fan Timers (new timers only; per code requirements)
	Controls - Thermostatic Radiator Valves
	Distribution - Insulate All Hot Surfaces (condensate tank, steam & HW piping)
	Common Area - LED Exit Signs
	Common Area - ENERGY STAR CFL Hardwired or Linear Fluorescent Fixtures (including fixtures operating for 24 hours/day)
	Common Area - Bi-level Lighting
	Common Area - Occupancy Sensors for Select Areas (i.e., laundry room)
Common Area Lighting - Exterior Lighting, incl. controls	
Appliances	Electric to Gas Conversion - Dryers
	ENERGY STAR Clothes Washers (commercial)
	ENERGY STAR Refrigerators (common area)
In-Unit	ENERGY STAR Refrigerators
	ENERGY STAR Dishwashers
	ENERGY STAR CFL Hardwired or Linear Fluorescent Fixtures
	ENERGY STAR Room and Thru-the-Wall Air Conditioners
Other	Motors - Install High Efficiency Motors (if over 1 HP and run for more than 4 hours/day)
	Motors - Variable Speed Drives (on variable flow motors over 1 HP and run more than 4 hours/day)
	DHW - Low-flow Showerheads and Sink Aerators



New Jersey Housing and Mortgage Finance Agency

2020 NJHMFA Energy Star LETTER OF INTENT

By signing this document, I certify the following (“we” refers to the applicant organization):

1. We understand that ENERGY STAR certification or a n NJHMFA approved alternative, is a prerequisite to participation in the Low-Income Housing Tax Credit program. We agree to complete the applicable NJ Clean Energy Program path, and will comply with the submission requirements listed in the NJHMFA QAP Green requirements document.
2. We understand that no projects are exempt from this requirement and have reviewed the alternative programs paths (if needed) for compliance - as indicated in the NJHMFA QAP Green requirements document.
3. If requested we will allow NJHMFA Technical Services staff, or designee, access to the project site pre, during and post construction for the purpose, of but not limited to, confirming Clean Energy Program compliance.
4. WHEN LIHTC IS AWARDED, CONTACT Pam DeLosSantos or John Ternes FOR THE NEXT COMPLIANCE STEPS.
5. I am an authorized representative of the organization.

Signature: _____ Date: _____

Name of signer: _____

Title: _____

Project Name: _____

Parent Organization (not LLC): _____

CHECK the intended NJHMFA ENERGY STAR Program or Alternative:

New Construction:

NJ Energy Star Homes V.3.1

Energy Star Multifamily High Rise

PAY FOR PERFORMANCE
New Construction

Energy Star Multifamily New
Construction Program V1.1

Rehab:

Home Performance with
Energy Star

PAY FOR PERFORMANCE
Existing Construction

ASHRAE Level 2 Energy Audit



New Jersey Housing and Mortgage Finance Agency

Energy Benchmarking Initiative

Requirements and Documentation

IMPORTANT NOTES:

- The application shall include a copy of the completed, signed and submitted letter of intent from the developer to NJHMFA.
- Prior to issuance of the 8609, developer/owner will submit a signed energy benchmarking utility release form for all common area meters (gas, oil, and electric, etc.), provision of certain project data (square footage per building, mechanical systems installed, etc.) and signed energy benchmarking utility release forms for a minimum of 50% of tenants rented up at time of 8609 issuance for new construction, and a minimum of 30% of tenants, representing each unit type, for renovation projects.
- Applicant will also be required to include the tenant utility release form as a part of the lease agreement. For the next three years for new construction projects, the applicant will ensure that at least 50% of tenants have viable utility release forms and will collect the utility data from the applicable utility company on a semi-annual basis. For renovation projects, tenant utility data will be collected 1 year prior to commencement of work, and 2 years post-construction for a minimum of 30% of each unit type.
- NJHMFA does not provide additional, set-aside funding for Green Items covered by this program.

SUBMIT ALL REQUIRED DOCUMENTATION AFTER A TAX CREDIT ALLOCATION TO:

Please send all required documents to:

John Ternes, NJ Housing and Mortgage Finance Agency jternes@njhmfa.gov
Phone: 609.278.7696

For U.S. Post Office:

P.O. Box 18550
Trenton, NJ 08650-2085

For Fed Ex, UPS, Visitors, etc.:

637 S. Clinton Ave.
Trenton, NJ 08611

WHAT TO SUBMIT WITH TAX CREDIT APPLICATION: Attach hard copies of the following with application.

Letter of Intent

At Post Construction:

- Energy Benchmarking building utility release form
- Energy Benchmarking tenant utility release form

LETTER OF INTENT – ENERGY BENCHMARKING INITIATIVE

Please email a signed copy of this page to NJHMFA Technical Services, and include in Tax Credit Application.

By signing this document, I certify the following (“we” refers to the applicant organization):

1. We have received and reviewed the Program’s materials, consisting of the ‘LIHTC Green Point Requirements 2020’ and ‘Energy Benchmarking Technical Manual’, which includes the letter of intent, building utility release form and survey, and tenant utility release form.
2. We understand that a meeting with NJHMFA’s Technical Services Division is required within three (3) months of the Tax Credit Award Date.
3. We understand that prior to issuance of the 8609 we will submit a signed energy benchmarking utility release form for all common area meters (gas, oil, and electric, etc.), provision of certain project data (square footage per building, mechanical systems installed, etc.) and signed energy benchmarking utility release forms for a minimum of **50%** of tenants rented up for new construction, or a minimum of **30%** of each unit type for renovation projects, at time of 8609 issuance.
4. We understand for the next three years after new construction, we will ensure that at least **50%** of tenants have viable utility release forms; or for renovation projects, for 1 year prior and 2 years after the work is completed, we will ensure that for at least **30%** of each unit type, we will collect the utility data from the applicable utility company on a semi-annual basis.
5. We understand that Clean Energy Program compliance is a prerequisite to participation in the LIHTC Green Point program. I will comply with ENERGY STAR, or other applicable requirements, as indicated in the LIHTC QAP section (c) 8 and 2020 ENERGY STAR letter of intent.
6. If requested we will allow NJHMFA staff access to the project site pre, during and post construction for the purpose of but not limited to: project monitoring, performance testing, interviews, surveys and photographs.
7. I am an authorized representative of the organization.

Signature: _____ Date: _____

Name of signer: _____

Title: _____

Project Name: _____

Parent Organization (*not LLC*): _____

BUILDING OWNER UTILITY RELEASE FORM

Authorization for NJHMFA to Receive Customer Utility Data

Date: _____

To Whom It May Concern:

By signing this release form, the property owner (Owner) grants the New Jersey Housing and Mortgage Finance Agency (NJHMFA) and its designee, a consultant for this initiative, permission to access utility data information for the past one (1) year of (if applicable) and for the following three (3) years from this date for the development/building referenced below. The utility data includes energy consumption, energy demand, energy cost, as well as associated fees and taxes for each billing period. This information will be used to track energy efficiency and consumption of the building indicated below for the express purpose of measuring the success of past energy upgrades, comparing building performance to similar building types and determining need for future energy efficiency improvements.

I am an authorized representative for the development and building listed below and account(s) listed on the following page(s), totaling _____ pages, and represent and warrant that I have full authority to execute this release form on behalf of the Owner. Owner understands that the information obtained as part of this initiative may be released by the NJHMFA to other participating developments upon request for comparison purposes. Comparison reports compiled by the NJHMFA for this program and provided to other developments will not include this development’s name or address. Owner understands and acknowledges that such information may be subject to release under the Open Public Records Act, N.J.S.A. 47:1A-1 et seq., or other applicable law. Owner understands that each applicable utility provider (Utility) reserves the right to verify this authorization request.

Owner authorizes the Utility to release the requested information on Owner’s account or facilities to the NJHMFA or its designee. Owner hereby releases, holds harmless, and indemnifies the NJHMFA and the Utility from any liability, claims, demands, causes of action, damages, or expenses as a result of, but not limited to: 1) any release of information to NJHMFA or its designee pursuant to this Utility Release; or 2) the unauthorized use of this information by NJHMFA or its designee.

Sincerely,

Authorized Representative (signature) _____

Please print clearly.

Authorized Representative Name: _____

Development Name: _____

Building Service Address: _____

Development Contact: _____

Mailing Address: _____

Phone: _____ Email: _____

ENERGY BENCHMARKING SURVEY FORM

Please complete one Building Data Form for each building in a development.

BUILDING DATA

NJHMFA Development Name: _____ NJHMFA #: _____

Address: _____ Year Built: _____

Building type (Senior, Family, Mixed): _____

Electricity Metering (check one): Individually-Metered / Master-Metered Gas

Metering (check one): Individually-Metered / Master-Metered Primary hot

water fuel type: _____

Percent of floor area that is cooled in 10% increments (10%, 20%, 30%, etc.): _____

Percent of floor area that is heated in 10% increments (10%, 20%, 30%, etc.): _____

Total Sq. Ft.: _____ Common Area Sq. Ft.: _____ # of Buildings: _____

of Elevators: _____ # of Floors in each building: _____ # of units: _____

of Bedrooms: 1: _____ 2: _____ 3: _____ 4: _____

Past Energy-Efficiency Work Completed (select all that apply and implementation year- write N/A if not applicable):

<i>Energy-Efficiency Improvement</i>	<i>Year implemented</i>
<input type="checkbox"/> ENERGY STAR Homes Certification	
<input type="checkbox"/> Multifamily High Rise	
<input type="checkbox"/> Pay for Performance	
<input type="checkbox"/> Home Performance with Energy Star	
<input type="checkbox"/> LEED	
<input type="checkbox"/> Enterprise Green Communities	
<input type="checkbox"/> Windows	
<input type="checkbox"/> Lighting	
<input type="checkbox"/> Other (please describe)	

Please include all types of energy used. Complete additional forms as needed when utility information differs by building.

METER INFORMATION

Electric Utility Name: _____

Account Number(s): _____

Natural Gas Utility Name: _____

Account Number(s): _____

Fuel Oil Utility Name: _____

Account Number(s): _____

Other Meters-not including water or sewer (e.g. Renewable Energy, Propane, and Cogeneration): _____

Utility Name & Account Number(s): _____

BUILDING SYSTEM CHARACTERISTICS:

Please check all that apply:

Heating System Type:

- Furnace
- High Efficiency Condensing Furnace
- High Efficiency Condensing Burner
- Hot Water Boiler
- Steam Boiler
- Heat Pump
- High Efficiency Variable Heat Pump
- Ground Source Heat Pump
- Packaged Terminal Air Conditioner (PTAC) Unit
- Cogeneration (CHP)
- Special Description:

Cooling System Type:

- Chiller
- Wall Unit (in each Apt.)
- Cooling Tower
- Window Unit (in each Apt.)
- Compressor (mini-split)
- Compressor (ducted)
- Ground Source Heat Pump
- Packaged Terminal Air Conditioner (PTAC) Unit
- Special Description:

Building type:

- Wood or steel frame
- Solid Concrete
- Masonry
- Modular
- Structurally insulated panels (SIPS)
- Other type:

Optional:

- Wood or steel frame
- Solid Concrete
- Masonry
- Modular
- Structurally insulated panels (SIPS)
- Other type:

TENANT UTILITY RELEASE FORM

Authorization for NJHMFA to Receive Customer Utility Data

Date: _____

To Whom It May Concern:

By signing this release form, the tenant (Tenant) grants the New Jersey Housing and Mortgage Finance Agency (NJHMFA) and its designee (a consultant for this initiative) permission to access utility data information for the past two (2) years of (if applicable) and for the following three (3) years from this date for the unit referenced below. Utility data includes energy consumption, energy demand, energy cost as well as associated fees and taxes for each billing period. This information will be used to track energy efficiency and consumption of the building indicated below for the express purpose of measuring the success of past energy upgrades, comparing building performance to similar building types and determining need for future energy efficiency improvements.

I am an authorized representative for the unit and account(s) listed below and represent and warrant that I have authority to execute this release. Tenant understands that the information obtained as part of this initiative may be released by the NJHMFA to other participating developments upon request for comparison purposes. Comparison reports compiled by the NJHMFA for this program and provided to other developments will not include tenant’s information or this development’s name or address. Tenant understands and acknowledges that such information may be subject to release under the Open Public Records Act, N.J.S.A. 47:1A-1 et seq., or other applicable law. Tenant understands that each applicable utility provider reserves the right to verify this authorization request.

Tenant authorizes the Utility to release the requested information on Tenant’s account to the NJHMFA or its designee. Tenant hereby releases, holds harmless, and indemnifies the NJHMFA and Utility from any liability, claims, demands, causes of action, damages, or expenses as a result of, but not limited to: 1) any release of information to NJHMFA or its designee pursuant to this Utility Release; or 2) the unauthorized use of this information by NJHMFA or its designee. Tenant understands that he/she may cancel this authorization at any time by submitting a written request to both the Utility and NJHMFA.

Sincerely,

Authorized Representative (Tenant signature) _____

Please print clearly.

Representative name: _____

Development Name: _____

Building Address: _____

Unit Number: _____ Number of Bedrooms in Unit: _____

Please list utility provider(s) and account number(s):

ELECTRIC UTILITY: _____ ACCOUNT #: _____

GAS UTILITY: _____ ACCOUNT #: _____

9% Tax Credit Point Options

4 Point options

Participation in one of the following programs*:

- 1.) Enterprise Green Communities Mandatory
 - a. 2015 EGC Criteria
 - b. 35 points for New Construction (9% Tax Credit), 30 points for Substantial Rehab (consult with Technical Services Green Technical Advisor).
 - c. If pursuing actual certification, see EGC's definition of affordable housing projects. Projects must serve residents at or below 60% AMI.
- 2.) LEED Version 4.0 Silver or higher (Homes, Multifamily Midrise or New Construction)
- 3.) ICC/ASHRAE 700 - NGBS 2015 (National Green Building Standard) 2015 Version
Silver or higher
 - a. Silver = 334 points minimum
- 4.) New Jersey Zero Energy Ready Home (Tier 3)
 - a. Aligns with DOE Zero Energy Ready Home specs
 - b. HERS Score 50 and below.
- 5.) Living Building Challenge
 - a. At least 3 of the 7 petals
- 6.) Passive House
 - a. PHIUS or PHI. If doing PHI, consult with the Technical Services Green Technical Advisor.

**Certification is not required but all mandatory requirements of each program must be followed and documented to NJHMFA.*

3 Point options

Participation in one of the following programs*:

- 1.) Enterprise Green Communities Mandatory criteria
- 2.) LEED v4.0 Certified
 - a. 3.) ICC/ASHRAE 700 - NGBS 2015 (National Green Building Standard)
Bronze or higher
 - a. Bronze = 231 points **minimum criteria**

**Certification is not required but all mandatory requirements of each program must be followed and documented to NJHMFA.*

Required Documents for Each Program

Enterprise Green Communities (EGC)

At Application

- NJHMFA Letter of Intent
- Signed contract with an EGC-approved consultant/HERs Rater.

Prior to Construction (or at Commitment for Agency Construction-financed projects)

- Completed EGC pre-build checklist along with all Supplemental Documents.
- Evidence in drawings and specifications that all mandatory and optional criteria have been incorporated.

Post Construction, 8609 package

- Post-build checklist and binder documenting each completed criteria, verified by EGC consultant.

For more information, visit <http://www.enterprisecommunity.org/solutions-and-innovation/green-communities/criteria>

LEED Rating System

At Application

- NJHMFA Letter of Intent
- Signed contract with a credentialed LEED consultant/HERS rater.

Prior to Construction (or at Commitment for Agency Construction-financed projects)

- Finalized LEED checklist showing projects' Preliminary rating level.
- Verification by LEED Consultant and developer that all LEED checklist items have been incorporated into the plans and specifications.

Post Construction, 8609 package

- Completed LEED checklist with final rating level
- LEED Workbook documenting the fulfillment of all LEED credits and prerequisites.
- Letter and documentation from LEED consultant (New Construction) or Green Rater (Homes or Midrise) stating project met all the parameters of the program.

For more information, visit <http://www.usgbc.org/LEED/>

NGBS Rating System

At Application

- NJHMFA Letter of Intent
- Signed contract with an accredited NGBS Green verifier/HERS rater.

Prior to Construction (or at Commitment for Agency Construction-financed projects)

- Finalized NGBS scoring spreadsheet showing projects' rating level and all claimed points.
- Verification by NGBS Green verifier and developer that all NGBS criteria have been incorporated into the plans and specifications.

Post Construction, 8609 package

- Final Verification Report/Construction Scoring Spreadsheet, with no red/warning cells.

- Verification Workbook documenting the fulfillment of all NGBS points and mandatory items, signed by NGBS Green Verifier and Builder.

For more info, visit

http://www.homeinnovation.com/services/certification/green_homes/multifamily_certification

Zero Energy Ready Homes

At Application

- NJHMFA Letter of Intent
- Signed contract with a ZERH-approved consultant/HERs Rater.

Prior to Construction (or at Commitment for Agency Construction-financed projects)

- Completed copy of RNC Site Registration form and email confirmation.
- Energy Star Summary Report
- Evidence in drawings and specifications that all NJCEP-ZERH, EPA, and RESNET requirements have been incorporated.

Post Construction, 8609 package

- All applicable Energy Star or NJCEP completed checklists.
- Energy Star Summary Report

For more information, visit <https://energy.gov/eere/buildings/zero-energy-ready-home>

And <http://nicleanenergy.com/residential/programs/nj-energy-star-homes/builder-information/participation-documents/participation->

Living Building Challenge 3.1

At Application

- NJHMFA Letter of Intent
- Signed contract with a LBC-approved consultant/HERs Rater.

Prior to Construction (or at Commitment for Agency Construction-financed projects)

- Copy of Preliminary Audit showing all selected Petals and imperatives.
- Evidence in drawings and specifications that all selected Petals/imperatives have been incorporated.

Post Construction, 8609 package

- Copy of Post-Construction Preliminary Audit with all documentation for Mandatory Petals and project Typology Imperatives.

For more information, visit <https://living-future.org/lbc/>

Passive House (PHIUS+ 2015 Passive Building Standard) Version 2.0

At Application

- NJHMFA Letter of Intent
- Signed contract with a PHIUS or PHI-certified Rater/Verifier.

Prior to Construction (or at Commitment for Agency Construction-financed projects)

- Copy of design and primary project energy modeling by the PHIUS Certified Passive House Consultant (CPHC).

- Evidence in drawings and specifications that all design and equipment will meet PHIUS standards, as approved by the CPHC.

Post Construction, 8609 package

- Copy of Post-Construction final testing, verification and energy performance metrics from the PHIUS+ Certified Rater/Multifamily Verifier.
- PHIUS+ Onsite Quality Control Workbook for Multifamily Projects and supporting documentation/checklists.

For more information, visit <http://www.phius.org/home-page>



New Jersey Housing and Mortgage Finance Agency

2020 NJHMFA 9% Green Point Options LETTER OF INTENT

By signing this document, I certify the following (“we” refers to the applicant organization):

- 1.) We understand that ENERGY STAR certification or NJHMFA approved alternative, is a prerequisite to participation in the Low-Income Housing Tax Credit program. We agree to complete the applicable NJ Clean Energy Program path, and will comply with the submission requirements listed in the NJHMFA QAP Green requirements document.
- 2.) We have received and reviewed the 2020 LIHTC Green Requirements and Documentation, which includes a list of requirements for each 9% option, forms and related informational material.
- 3.) We will submit the requested documentation for our selected option, as outlined in the 2020 LIHTC Green Requirements document.

WHEN LIHTC IS AWARDED, CONTACT Pam DeLosSantos or John Ternes at NJHMFA, FOR THE NEXT COMPLIANCE STEPS.

I am an authorized representative of the organization.

Signature: _____ Date: _____

Name of signer: _____

Title: _____

Project Name: _____

Parent Organization (not LLC): _____

CHECK intended NJHMFA 9% Green Point Option (check only one):

4 Point Options:

_____ EGC + 35 pts

_____ LEED v4 Silver or Higher

_____ ICC/ASHRAE 700 - NGBS 2015 (Silver or higher)

_____ NJ ZERH Tier 3

_____ Passive House V2.0

_____ LBC 3.1

3 Point Options:

_____ EGC Mandatory Criteria

_____ LEED v4 Certified

_____ ICC/ASHRAE 700 - NGBS 2015

Minimum Bronze or Higher