



PRIME-2 Enterprise Green Communities

September 9, 2022



Agenda

- OVERVIEW
- 2020 ENTERPRISE GREEN
- PRIME -2 REQUIREMENTS
- DEEP DIVE ON CRITERIA
REQUIRED FOR PRIME -2
- PRIME -2 OPTIONS
- PRIME -1 SNAPSHOT
- CERTIFICATION PROCESS

Room Check



Enterprise Green Communities – Why it Matters

Established in 2004, Enterprise Green Communities is transforming the way America thinks about, designs, builds, and rehabilitates affordable housing.

Green building integrates materials and methods that promote **environmental quality, economic vitality,** and **social benefits** through design, construction and operations of the built environment.

Enterprise Green Communities aligns affordable housing investment strategies with environmentally responsive building practices.

Enterprise Green Communities – Why it Matters

When we build more resilient communities, we build a better future for everyone.

Together, we can make climate resilience the norm, not the exception.



2020 Criteria



2020 Criteria

Eight Categories



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meet mandatory criteria + 50
optional points

Within optional points, must include the following:

- 1.6 Multi-Hazard/Vulnerability Assessment
- 4.7 Access to Potable Water during Emergencies
- 5.9 Resilient Energy Systems - Floodproofing
- 5.10 Resilient Energy Systems – Critical Loads

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1.6

Optional | 10 points

Resilient Communities: Multi-Hazard Risk/Vulnerability Assessment

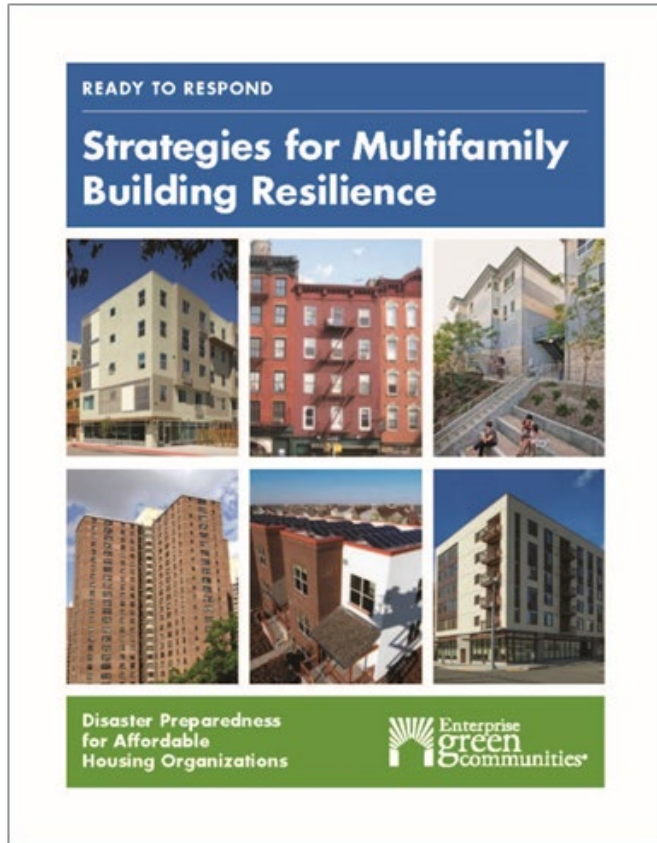
REQUIREMENTS

Conduct a four-part assessment (social, physical, functional, strategy) to identify critical risk factors of your property and implement at least two sets of strategies to enable the project to adapt to, and mitigate, climate-related or seismic risks.

Your Multi-Hazard Risk/Vulnerabilities Assessment must:

- Prioritize a deeper evaluation of applicable hazards (e.g., wildfires, flooding, seismic) identified in the state or county hazard mitigation plan for which your project is located.
- Identify strategies that will be implemented that address, at least, the top three risk factors identified for your project.
- Ensure that these implemented strategies that have been included in the project are referenced, documented, and explained in the Criterion 8.2.

TOOLS: MAKE PROPERTIES RESILIENT, SAFE AND EFFICIENT



Business Continuity Toolkit for Affordable Housing Organizations

<https://businesscontinuity.enterprisecommunity.org/>



CLIMATE SAFE HOUSING

Strategies for Multifamily Building Resilience

<https://www.climatesafehousing.org/welcome>

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4.7

Optional | 8 points

Access to Potable Water During Emergencies

REQUIREMENTS

Provide residents with ready access to potable water in the event of an emergency that disrupts normal access to potable water. Choose one of the following options:

Option 1: Potable water access point (not dependent on electrical pump)

Option 2: Stored potable water (10 gal/resident/day for ≥ 4 days)

Option 3: Drilled well able to pump water when grid is down

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5.9

Optional | 8 points

Resilient Energy Systems: Floodproofing

REQUIREMENTS

Conduct floodproofing, including perimeter floodproofing (barriers/shields), of lower floors.

Design and install building systems in such a way that, in the case of an emergency, the operation of these systems will not be grossly affected:

- Locate any and all central space and water heater equipment above design flood elevations.
- Locate the service disconnect at a readily accessible location above the design flood elevation.
- Locate at least one exit door above the design flood elevation.
- On plan sets, identify water entry points at basements and foundation walls and demarcate all penetrations, wall assemblies, and doors/openings to ensure that future renovations do not compromise the integrity of floodproof construction.

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5.10

Optional | 8 points

Resilient Energy Systems: Critical Loads

REQUIREMENTS

Provide adequate emergency power to serve certain systems in the project. Size the system to satisfy at least three of the most critical following energy loads of the project for at least four consecutive days, 24 hours per day. Consider a larger system if needed to satisfy extended power outages and/or to hold all occupants and staff on an emergency basis for a power outage during extreme heat or cold.

Option 1: Islandable PV system with battery storage and a system to switch to battery backup when electric grid goes down

Option 2: Efficient generator that will offer reliable electricity for critical circuits during power outages

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meet mandatory criteria + 50
optional points

Within optional points, must include the following:

- 1.6 Multi-Hazard/Vulnerability Assessment (10 pts)
- 4.7 Access to Potable Water during Emergencies (8 pts)
- 5.9 Resilient Energy Systems - Floodproofing (8 pts)
- 5.10 Resilient Energy Systems – Critical Loads (8 pts)



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Suite of 'Moving to Zero Energy' criteria also support resilience:

- 5.2a Additional Reductions in Energy Use (12 max)
- 5.2b **Near Zero Certification** (12-15 pts)
- 5.3a Photovoltaic / Solar Hot Water Ready (3-6 pts)
- 5.3b Renewable Energy (8 max)
- 5.4 **Achieving Zero Energy** (24 pts)



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Other optional criteria to consider:

- 7.6 Smoke-Free Policy
(expand beyond mandatory to include all indoor spaces) – 10 points
- 1.5 Design for Health and Well-Being:
Health Action Plan – 12 or 15 points
- 5.5b Moving to Zero Carbon: All Electric
- 15 points



PRIME NOFA Snapshot

15 projects

- Certification status: one has been submitted for Postbuild review
- Criteria used: 13 projects under 2015 Criteria, 2 under 2020 Criteria
- On average, pursuing 75 points (range 54-93)



PRIME NOFA Snapshot

How are they meeting the required optional credits?

- 4.7 Access to Potable Water during Emergencies
 - Option 1 (Potable water access point): 1
 - Option 2 (Stored potable water): 13
 - Option 3 (Drilled well): 1
- 5.10 Resilient Energy Systems – Critical Loads
 - Option 1 (Islandable PV): 1
 - Option 2 (Generator): 14



PRIME NOFA Snapshot

What discretionary optional credits are they pursuing?

- 2.4 Increased Compact Development (5-7pts): 11 projects
- 2.7 Preservation/Access to Open Space (6 max): 9 projects
- 2.12 Access to Fresh, Local Foods (6pts): 7 projects
- 2.14 Local Economic Dev & Comm Wealth (6 max): 11 projects



PRIME NOFA Snapshot

What discretionary optional credits are they pursuing?

- 4.2 Advanced Water Conservation (6 max): 4 projects
- 7.6 Smoke-Free Policy (all indoor spaces) (10pts): 4 projects
- 7.11 Active Design: Promoting Physical Activity (8pts): 8 projects
- 7.4 Elimination of Combustion Within Conditioned Space (9-11pts)
(Now 5.5b: Moving to Zero Carbon: All -Electric 15 pts): 13 projects



CERTIFICATION

Criteria & Certification Website

planning, reviewing resources, collaborating, tracking points

Enterprise 2020 ENTERPRISE GREEN COMMUNITIES CRITERIA
The Standard for Sustainable Futures

HOME CERTIFICATION PORTAL

Welcome to the 2020 Enterprise Green Communities Criteria!

With this digital format of the 2020 Enterprise Green Communities Criteria, review the full content of the criteria manual and simultaneously access the criteria checklist to tally project criteria goals, requirements and optional points. When you are ready to submit an application for certification, visit the [certification portal](#).

Utilize key features of this site to:

- Employ the filter feature to view only those criteria requirements and options applicable to your project's construction type and setting
- Print a pdf of your checklist to share with project team members
- Download a working excel checklist to track and score your criteria goals offline
- Stay up to date on all 2020 Green Communities Addenda and FAQ

Reach out to our team at certification@enterprisecommunity.org with any questions, review other Enterprise Green Communities resources at www.enterprisecommunity.org/criteria.

Green Communities Criteria

New Construction Substantial Rehab Moderate Rehab

Rural / Tribal / Small Towns **Urban / Suburban**

Project will follow New York City Overlay

INTRODUCTION

✓ CHECKLIST

- 1 INTEGRATIVE DESIGN
- 2 LOCATION + NEIGHBORHOOD FABRIC
- 3 SITE IMPROVEMENT
- 4 WATER
- 5 OPERATING ENERGY
- 6 MATERIALS
- 7 HEALTHY LIVING ENVIRONMENT
- 8 OPERATIONS, MAINTENANCE + RESIDENT ENGAGEMENT

APPENDICES
2020 ADDENDA & FAQ

www.greencommunitiesonline.org

Website



www.greencommunitiesonline.org

Website

Green Communities Criteria & Certification

First 20 Cohort

▶ 2020 Criteria

2015 Criteria

▶ Certification


▶ Resources

▼ Certification

Requirements & Eligibility

Information Required for Certification Submissions

Certification Tips

Certification Portal 

www.greencommunitiesonline.org

Website

Green Communities Criteria & Certification

- First 20 Cohort
- ▶ 2020 Criteria
- 2015 Criteria
- ▶ Certification
- ▶ Resources

▼ Resources

- Technical Assistance Providers
- Green Charrette Tools
- Construction Specifications
- Multifamily Retrofit Process
- Resident Engagement: Operations & Maintenance
- Research & Reports
- Case Studies
- Comparisons
- Webinars

www.greencommunitiesonline.org

2020 Criteria Manual

2.15b

Optional for Rural/Tribal/Small Town | 6 points

Access to Broadband: Connectivity

RATIONALE

Improving internet connectivity in rural locations is critical to ensuring residents have access to opportunities such as access to programs, telemedicine, and job opportunities, and helps to narrow the digital divide between urban and rural communities.

REQUIREMENTS

Ensure that all units and common amenity spaces in the property have broadband internet access with at least a speed of 25 megabits per second for downloading and 3 megabits per second for uploading (25/3).

RECOMMENDATIONS

- Provide digital skills training for the property's residents, either directly or through partnerships with local anchor and/or civic institutions.
- Locate within 0.5 mile of schools and libraries, as these are often the first facilities in a community to receive broadband access through the E-Rate program mentioned below.

RESOURCES

- Public Library Association, Digital Literacy. www.ala.org/pla/initiatives/digitalliteracy
- E-Rate helps schools and libraries obtain affordable broadband. www.fcc.gov/general/e-rate-schools-libraries-usf-program



Certification Portal

compiling, reviewing, submitting, communicating

Enterprise®

Account: Search for Acco...
Contact: Search for Conta...

Welcome Shelby O'Neill
Developments - Green

e360 COMMUNITY

Home Developments - Green Tools & Information

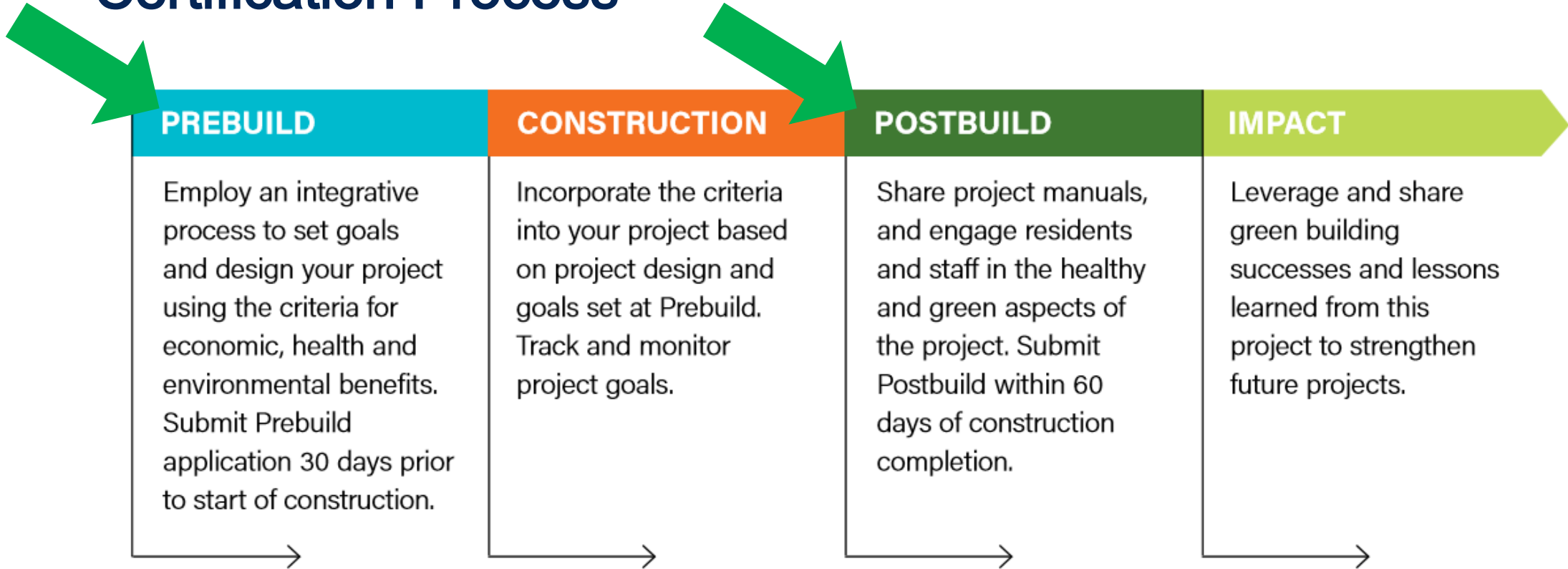
Green Certification Details Green Portfolio Overview Certification Map

New Certification Show 25 entries Search: X Clear Filters

Action	Certification Name	Project Owner Name	Project Developer Name	Cert. Street Address	City	State	Certification Status	Date of Last Status Change	Total/Intended Points	Pending Waiver Requests
View/Edit	2020 141 South Great 2020-NC-003229 2020 New York City Overlay of the Enterprise Green Communities Criteria	Shelby O'Neill	N/A				In Progress		0/0	No

Questions? certification@enterprisecommunity.org

Certification Process



Certification application reviews (and re-submissions) take up to 30 days.

Postbuild applications must be submitted within 60 days of completion.

Proof of certification will be required as a precondition of the release of retainage of the CDBG funds

Thank You!

Team:

certification@enterprisecommunity.org

Program:

www.enterprisecommunity.org/green

Criteria:

www.greencommunitiesonline.org



Parking Lot Slides for Q&A

