Agenda

- Introduction to Enterprise Green Communities
- Highlights of 2015 Enterprise Green Communities Criteria
- How a project earns Enterprise Green Communities Certification
- Resources
“We believe, because it is true, that people are affected by their environment, by space and scale, by color and texture, by nature and beauty, that they can be uplifted, made to feel important.”

Jim Rouse | Founder
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.
A holistic approach to building a green community.
Programmatic Requirements

**NEW CONSTRUCTION**
35 optional points

**SUBSTANTIAL & MODERATE REHABILITATIONS**
30 optional points

meet mandatory criteria
2015 Criteria: What’s New?

• The 2015 Criteria requires that seekers of EGC certification assess, and address, community *health* characteristics and relevant *resilience* measures during the integrative design process.

• For projects pursuing Certification, *energy and water data* will not simply be collected by Enterprise, but will also be managed by each project owner in a manner that influences project operations.

• Projects pursuing Certification must explore best practices of *TOD*, offering means to connect to community amenities in more meaningful ways than ever before.
Enterprize Green Communities is improving the health and well-being of low-income people by transforming the quality of affordable housing in America. By aligning affordable housing investment strategies with environmentally responsive building practices, Enterprise is leading the national effort to ensure that people living in affordable housing are healthier, spend less money on utilities, and have more opportunities through their connections to transportation, quality food and healthcare systems.
www.enterprisecommunity.org/Green → **Criteria & Certification**

- 2015 Criteria Manual
- 2015 Criteria Checklist
- New York City Overlay of the Enterprise Green Communities Criteria
- Utility Benchmarking FAQ
- 2015 Criteria FAQ
- 2015 Criteria Addenda
- 2015 Criteria Ambassador Brief
www.enterprisecommunity.org/Green → Criteria & Certification

Certification Eligibility and Requirements
Certification Process At a Glance
Supplemental Document Instructions

- Image release form
- Criterion 1.2a Resident Health and Well-Being Design for Health template
- Criterion 1.2b Resident Health and Well-Being: Health Action Plan
- Criterion 4.2 Advanced Water Conservation template
- Criterion 5.1 Building Performance Standard - Energy Performance Report Form
- Criteria 5.1a & 5.1c Building Performance Standard: Sampling Guidance
- Criterion 8.5/8.6 Utility Accounts Instruction
1. Integrative Design

1.1a  Goal Setting
1.1b  Criteria Documentation
1.1c  Designing for Project Performance

1.2a  Resident Health and Wellbeing: Design for Health
1.2b  Resident Health and Wellbeing: Health Action Plan

1.3a  Resilient Communities: Design for Resilience
1.3b  Resilient Communities: Multi-Hazard Risk / Vulnerability Assessment
1.1a Goal Setting

Develop an integrative design process that works best for your project team and intentions. At minimum, document:

1. A statement of the overall green development goals of the project and the expected intended outcomes from addressing those goals.
2. A summary of the integrative process that was used to select the green building strategies, systems and materials that will be incorporated into the project.
3. A description of how progress and success against these goals will be measured throughout the completion of design, construction and operation to ensure that the green features are included and correctly installed.
1.2a Resident Health and Well-Being: Design for Health
Identify potential resident health factors and design your project to address resident health and well-being by using the matrix provided on pages 22 and 23.

1.3a Resilient Communities: Design for Resilience (New Construction and Substantial Rehab only)
Given your project building type, location and expected resident population, identify a project characteristic that would most likely impact your project’s ability to withstand an unexpected weather event or loss of power. Select at least one criterion from the given list that would help mitigate that impact, and incorporate this within your project plans and design. Include a short narrative providing your rationale for selecting this criterion above the others.
2. Location + Neighborhood Fabric

2.1 Sensitive Site Protection

2.3 Compact Development

2.5 Proximity to Services

2.8 Access to Transportation

2.10 Passive Solar Heating/Cooling

2.12 Access to Fresh, Local Foods

2.14 Local Economic Development and Community Wealth Creation
New Construction: All new construction projects must earn optional points under Criterion 2.8 Access to Public Transportation, OR earn 8 optional points through selecting one or more of the following:

- 2.7 Preservation of and Access to Open Space
- 2.9 Improving Connectivity to the Community
- 2.12 Access to Fresh, Local Foods
- 2.13 LEED for Neighborhood Development Certification
- 2.14 Local Economic Development and Community Wealth Creation
3. Site Improvements

3.1 Environmental Remediation

3.2 Erosion and Sedimentation Control

3.3 Low-Impact Development

3.4 Landscaping

3.5a/b Efficient Irrigation and Water Reuse

3.6 Surface Stormwater Management

3.7 Reducing Heat-Island Effect: Paving
4. Water Conservation

4.1 Water-Conserving Fixtures

4.2 Advanced Water Conservation

4.3 Leaks & Water Metering

4.4 Efficient Plumbing Layout and Design

4.5 Water Reuse

4.6 Access to Potable Water during Emergencies
SECTION 4: WATER CONSERVATION

CRITERION 4.1 WATER-CONSERVING FIXTURES
Mandatory

For Substantial and Moderate Rehabs: if a toilet, showerhead, kitchen faucet, and/or lav faucet has been in service in the project for fewer than five years, the project team may elect to retain that fixture rather than replacing it, regardless of that existing fixture’s specifications, IF the project will also achieve at least 4 points for Criterion 4.2 Option 2.

CRITERION 4.2 ADVANCED WATER CONSERVATION
Optional: 6 points maximum

Option 2:

Any new toilet, showerhead, and/or lav faucet that is installed in the project must be WaterSense certified, in addition to the project’s total indoor water consumption meeting the minimum 30% improvement threshold.
5. Energy Efficiency

5.1 Building Performance Standard
   a. New Construction, single family and low-rise MF
   b. New Construction, mid-rise and high-rise MF
   c. Sub and Mod Rehab, single family and low-rise MF
   d. Sub and Mod Rehab, mid-rise and high-rise MF

**partner with HERS Rater / energy professional prior to, and throughout, construction**

www.energystar.gov/partnerlocator
www.resnet.us

**sampling protocol available for large projects**
6. Materials

6.1 Low / No VOC Paints, Coatings, and Primers
6.2 Low / No VOC Adhesives and Sealants
6.6 Composite Woods (Low / No Formaldehyde)

6.7a Environmentally Preferable Flooring
6.7b Environmentally Preferable Flooring
    Throughout Building

6.10 Asthmagen-free Materials

6.11 Reduced Heat-Island Effect: Roofing

6.12 Construction Waste Management

6.13 Recycling Storage
7. Healthy Living Environments

7.1 Ventilation

7.10 Integrated Pest Management

7.11 Beyond ADA: Universal Design

7.12 Active Design: Promoting Physical Activity within the Building

7.13 Active Design: Staircases and Building Circulation

7.16 Smoke-Free Building
SECTION 7: HEALTHY LIVING ENVIRONMENT

CRITERION 7.12 ACTIVE DESIGN: PROMOTING PHYSICAL ACTIVITY WITHIN THE BUILDING

Mandatory

All single family properties are exempt from Option 1: Stairs AND Option 2: Pathways.
8. Operations, Maintenance and Resident Engagement

8.1 Building Maintenance Manual (all MF projects)

8.2 Emergency Maintenance Manual

8.3 Resident Manual

8.4 Resident and Property Manager Orientation

8.5 / 8.6 Project Data Collection and Monitoring System
Sustainable AND Affordable
A holistic approach to building a green community

- Integrative Design
- Location + Neighborhood Fabric
- Site Improvements
- Materials
- Water Conservation
- Energy Efficiency
- Healthy Living Environment
- Operations, Maintenance + Resident Engagement
Certification

**Prebuild**
*(prior to construction)*
- Project overview
- Intended methods
- Upload: site plan, context map, energy modeling form, Category 8 outlines, other supplemental documents as necessary

**Postbuild**
*(within 60 days of construction completion)*
- Update information
- Upload: project photos & release, Category 8 documents, utility access, other supplemental documents as necessary

All submittals reviewed within 30 days
Enterprise Green Communities is improving the health and well-being of low-income people by transforming the quality of affordable housing in America. By aligning affordable housing investment strategies with environmentally responsive building practices, Enterprise is leading the national effort to ensure that people living in affordable housing are healthier, spend less money on utilities, and have more opportunities through their connections to transportation, quality food and healthcare systems.
As of October 7, 2015, all project teams submitting new Preliminary Certification applications must use the 2015 Criteria.

The Criteria are grouped into the following categories:

- Integrative Design
- Operations, Maintenance + Resident Engagement
- Healthy Living Environment
- Materials
- Energy Efficiency
- Water Conservation
- Location + Neighborhood Fabric
- Site Improvements

- 2015 Criteria Manual + Checklist
- 2015 Criteria FAQ + Addenda
- 2015 Criteria Comparisons
As of October 7, 2015, all project teams submitting new PreBuild Certification applications must use the 2015 Criteria.

Certification Eligibility and Requirements

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Helpful Resources
Certification Portal

Create an Account

APPLICANT ORGANIZATION
- Name of Organization:
- Entity Type:
- Street Address:
- City:
- State:
- Zip Code:

LEGAL STATUS
- Is your business Native American owned?

CONTACT INFORMATION
- User Name:
- First Name:
- Last Name:
- Title:
- Phone Number:
- Fax Number:

Login

Email Address:
Password:
Remember me
Forgot Your Password?
Create New User

LOGIN
• Create a New Project

• Select the Construction Type AND Location
Certification

**Prebuild**
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**Postbuild**
*(within 60 days of construction completion)*
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All submittals reviewed within 30 days
*(submit no later than September 15)*
www.enterprisecommunity.org/Green

Tools & Services

GREEN COMMUNITIES CRITERIA

Our clear, cost-effective framework for all affordable Housing. >>

COMMUNITY CRITERIA

CHARrette TOOLS

Customizable resources to aid your integrative design plans. >>

RESIDENT ENGAGEMENT

Mobilize residents to help maximize energy-saving efforts. >>

OPERATIONS & MAINTENANCE

Green efforts continue after construction ends! >>

RESEARCH & EVALUATION

Discover new research and practical insights in green building and affordable housing. >>

ONLINE EVENT ARCHIVE

Download one of over 30 webinars we've hosted with leaders and experts in green affordable housing >>

CONSTRUCTION SPECS TEMPLATES

Editable specs in MasterSpec format that correspond to the 2015 Criteria. >>

TOOLS FOR RESILIENCE

Tools to help housing organizations prepare for and respond to disasters >>

RETROFIT TOOLKIT

Upgrade existing multi-family buildings with energy-efficient features and systems. >>

TECHNICAL ASSISTANCE DATABASE

Experts ready to address your affordable housing technical needs. >>
THANK YOU

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