

Green Building Requirements NJEDA Small Business Improvement Grant Program

Guidance Document for SBIG Program Participants
Updated February 2022

Program Info - Small Business Improvement Grant Green Building Requirements

The implementation of energy and water efficient building components, where applicable, are required for all projects that have requested a Small Business Improvement Grant with project costs greater than \$50,000. For projects that are less than \$50,000 then the project is exempt from the following green building requirements.

The below information is intended to be plain language guidance as to the process NJEDA uses to evaluate compliance with green building standards. For specific questions regarding this process or for more information on specific green building requirements for your project, please contact greenbuilding@njeda.com

Basic Application of Green Building Standards

Minimum energy and water efficiency standards are required for all newly installed Lighting, HVAC & Water Heating equipment and/or Water Closets. If your project has included any one or more building components listed in Table 1, as part of their Small Business Improvement Grant, submit documentation per 'Submission Guidelines' outlined below.

If project does NOT include ANY of the construction components requiring minimum efficiency standards listed in Table 1, check the Not Applicable/Exemption box in the 'Green Building Compliance Approval Form' and submit, via email, to greenbuilding@njeda.com

TABLE 1: Minimum Green Building Requirements (where applicable)

Category	Acceptable Measure/Standard	Proof of Compliance
Newly installed lighting improvements including fixtures, ballasts and/or other electrical equipment	Energy Star Qualified Lighting Equipment	Manufacturer Specification Sheets & Photo Documentation of Installed Equipment.
Newly installed heating, ventilation, air conditioning & water heating equipment	See Table 2	Manufacturer Specification Sheets & Photo Documentation of Installed Equipment. Include photo of model and/or serial number.
Water Closets	1.28 Gallons per flush	Manufacturer Specification Sheets & Photo Documentation of Installed Equipment.

TABLE 2: HVAC & Water Heating Minimum Requirements (where applicable).

Equipment Type	Minimum Efficiency Requirement
Gas Space Heating	
Non-Condensing Hot Water Boiler	85% AFUE or Thermal Efficiency
Condensing Hot Water Boiler	88% AFUE or Thermal Efficiency
Non-Condensing Steam Boiler (natural draft)	82% AFUE or 79% Thermal Efficiency
Non-Condensing Steam Boiler (all except natural draft)	82% AFUE or 81% Thermal Efficiency
Gas Furnace	>95% AFUE
Gas Space Cooling	
Indirect Fired Gas Absorption Chiller	>1.1 Full Load COP
Direct Fired Gas Absorption Chiller	
Electric Space Heating & Cooling	
Split & Packaged HVAC	14 SEER, 11.5 EER or 13.0 IEER
Heat Pump	14.3 SEER, 11.5 EER, 12.2 IEER or 3.4 COP
Water Heating	
Gas Fired Storage Water Heater	82% Thermal Efficiency or > 0.64 UEF
Gas Fired Tankless Water Heater	90% Thermal Efficiency or > 0.90 UEF

Note: The required minimum efficiency guidelines outlined in Table 2 generally align with existing NJ Board of Public Utilities Clean Energy Program Rebates & Incentives. Additional financial rebates, therefore, MAY be available for projects implementing energy efficiency measures. All projects interested should review the NJ Clean Energy website (www.njcleanenergy.com) for additional details. The NJBPU rebates and incentives are distinct and separate from any financial assistance provided by the NJEDA, through the SBIG Program.

Submission Guidelines

Upon grant reimbursement request, EDA will require that a project's Green Building Approval Form be submitted via email to greenbuilding@njeda.com with the name of the project in the subject line.

The email should include the following information:

- NJEDA P #:
- Technical Contact Info (Owner, Architect/Engineer)
- Project Location(s)

And the following components:

1. A short summary of project scope.
2. Completed Green Building Compliance Approval Form.
3. Comprehensive construction budget.
4. The compliance documentation (where applicable) identified in Table 1.

The submission of your email along with the required compliance documentation identified in Table 1 & 2 will start the review process.

During this review, EDA will evaluate the project specific green building documentation for compliance with the referenced standards applicable to that specific project type. EDA will then either approve the project documents or advise applicants as to the most applicable amendments to satisfactorily meet the standards. Once all submissions have been reviewed and approved, a project will receive an approved Green Building Compliance Approval letter, clearly stating that the project has met the green building requirements of the program.

Green Building Compliance Approval Form

NJEDA Small Business Improvement Grant

PROJECT NAME:

PROJECT #:

APPLICANT:

PRIMARY POINT OF CONTACT:

EMAIL:

REQUIRED CONSTRUCTION COMPONENTS CHECKLIST

Lighting

Did the project construction include **NEWLY** installed lighting improvements including fixtures, ballasts and/or electrical equipment? Yes No

If Yes, submit Manufacturers Specification Sheets and Photo Documentation of Installed Equipment Model Number verifying minimum efficiency standards of Table 2 have been met.

HVAC & Water Heating

Did the project construction include **NEWLY** installed heating, ventilation, air conditioning and/or water heating equipment? Yes No

If Yes, submit Manufacturers Specification Sheets and Photo Documentation of Installed Equipment Model Number verifying minimum efficiency standards of Table 2 have been met.

Water Fixtures

Did the project construction include **NEWLY** installed bathroom water closets? Yes No

If Yes, submit specification sheet verifying efficiency standards outlined in Table 1 have been met.

Not Applicable/Exemption

For projects that did not include **ANY** of the above building components, check here.

-----*(FOR NJEDA STAFF OFFICE USE ONLY)*-----

SUBMITTED COMPLIANCE DOCUMENTATION

- Lighting:** Manufacturers Specification Sheets and Photo Documentation
- Mechanical Equipment:** Manufacturers Specification Sheets and Photo Documentation
- Low Flow Water Closet Specification Sheet:** Spec Sheets and Photo Documentation
- Construction Cost Budget**

APPROVAL STATUS

- Approved** **Pending** **Exempt**

ADDITIONAL DOCUMENTATION / SUBMISSIONS NEEDED FOR REVIEW

TBD where necessary. NJEDA reserves the right to request additional information from applicants.