

Minimum Requirements for Green Globes Multifamily (EB) – v2.2

To be certified through Green Globes Multifamily for Existing Buildings, projects must achieve all Energy Minimum Requirements. In addition, projects must also achieve a minimum 35% total score out of all applicable points in the Green Globes Multifamily program. Minimum Requirements are required to be eligible for the program but are separate from the criteria used in the assessment.

ENERGY MINIMUM REQUIREMENTS

Demonstrate greater than 15% energy consumption savings over respective established baseline and meet all three (3) Energy Minimum Requirements.

1. Energy Performance

Meet the ENERGY STAR® Portfolio Manager Path, or the Energy Consumption Savings Path if not ENERGY STAR eligible, and document the energy savings.

1.A ENERGY STAR® Portfolio Manager Path

Input energy use and building characteristics into ENERGY STAR Portfolio Manager and complete Option 1 if eligible for an ENERGY STAR Score.

Option 1: ENERGY STAR® Score

For multifamily properties with 20 or more units. Achieve an ENERGY STAR energy performance score of 78 or greater using the Portfolio Manager program.

Option 2: EUI Reduction

If not eligible for an ENERGY STAR Score. Demonstrate greater than 15% reduction of energy use intensity (EUI) compared to the national median source EUI.

1.B Energy Consumption Savings Path

For Multifamily properties with less than 20 units and no energy model, demonstrate greater than 15% energy consumption savings over respective established baseline. Compare whole building energy data from previous 12 months against 3 contiguous years of energy consumption use within the previous 9 years (normalized for climate and occupancy). All data must be input into ENERGY STAR Portfolio Manager.

2. Energy Efficient Equipment & Products

Confirm Operations & Maintenance (O&M) policy to install ENERGY STAR-labeled and/or FEMP-designated energy efficient products and appliances (including clothes washers, dishwashers, and refrigerators), when such products and/or appliances are being replaced. Put into place an O&M policy for energy efficient equipment and products if there is no policy.

ENERGY STAR Qualified Product Lists: <http://www.energystar.gov>

Federal Energy Management Program (FEMP) Energy and Water Efficient Products: <http://www1.eere.energy.gov/femp>

3. Energy Performance Monitoring & Tracking

Confirm that the local utility or onsite master energy meter(s) provide, at a minimum, aggregated whole-project energy consumption data for each energy utility type. Where local utility or current meters do not provide such data, install energy meters that do.

Commit to entering energy consumption data into ENERGY STAR Portfolio Manager to track ongoing performance and sharing of that data with Green Building Initiative. Document for future performance verification.

Required Documentation – upload to Green Globes “v3” Software:

- Completed Minimum Requirement Survey
- ENERGY STAR Portfolio Manager Statement of Energy Design Intent (SEDI), or screenshot of ENERGY STAR Score
- Energy model outputs

*Note on Whole Building Consumption Data

An energy model may be developed if you don't have 12 months of energy data to use as your baseline, including scenarios where it is not possible to access all tenant utility data. The energy model must include the following systems:

1. *All mechanical systems;*
2. *Domestic hot water systems;*
3. *Lighting;*
4. *Renewable sources of energy, as applicable;*
5. *Pool equipment pumps and spas, as applicable.*

Exception Policy

GBI reserves the right to issue energy exceptions on a case-by-case basis as needed for unique circumstances, e.g., function of the building requires a limited amount of high flow fixtures. Multifamily projects must still meet the greater than 15% energy consumption savings requirement.