



## APPENDIX E

# ENERGY PERFORMANCE CERTIFICATION

### REQUIRED:

- **Residential Projects (<4 stories)** – Energy Rater submits Home Energy Rating System (HERS) certificate, Code Certificate and signs certification below for submittal by project applicant/recipient.
- **Commercial or Residential Projects >3 stories** – Energy Rater / Energy Professional submits Code Certificate and energy modeling information and completes and signs certification below for submittal by project applicant/recipient.

The project's independent, third-party energy rater or energy professional for non-residential projects is required to sign the certification below at time of construction completion. By signing this certification, the Energy Rater is certifying that the project, as constructed, complies with all of the MANDATORY Iowa Green Streets Criteria energy related criteria applicable to the project as determined by IEDA including the following criteria.

- **5.1a, Building Performance Standard – Single-Family, Multifamily ≤ 3 stories, Multifamily ≤ five stories with individual HVAC systems**
  - Energy performance requirements in Air Barrier and Insulation Inspection Component Guide and Energy Performance Table for Criterion 5-1 were met or project achieved Energy Star certification
  - HERS Index of 61 or better
  - For all equipment installed, meet or exceed the minimum performance requirements in the energy performance table in Criterion 5-1
- **5.1b, Building Performance Standard – Multifamily ≥ 4 stories**
  - Project certified through Energy Star Multifamily High Rise Program
- **5.1c, Building Performance Standard – Substantial or Moderate Rehab**
  - Applicable energy performance requirements in Air Barrier and Insulation Inspection Component Guide and Energy Performance Table for Criterion 5-1 were met
  - HERS Index of 85 or better (See exceptions in Criterion 5.1c)
- **5.1d, Building Performance Standard – Substantial or Moderate Rehab – Multifamily ≥ 4 stories, Commercial and Mixed Use**
  - Applicable energy performance requirements in Air Barrier and Insulation Inspection Component Guide and Energy Performance Table for Criterion 5-1 were met
  - Submitted to IEDA modeling information verifying meeting ASHRAE 90.1-2013



- **5.1e, Building Performance Standard – Commercial, Nonprofit, and Mixed Use**
  - Energy performance requirements in Air Barrier and Insulation Inspection Component Guide and Energy Performance Table for Criterion 5-1 were met
  - Exceed performance requirements of ASHRAE 90.1-2013 Appendix G by 10 percent
  - Passed a slab insulation and pre-drywall thermal bypass inspection by third-party RESNET Energy Rater
  - Commissioned the building
  - Submitted to IEDA modeling information verifying exceeding ASHRAE 90.1-2013 Appendix G by ≥ 10 percent
  - Completed and submitted the required Energy Review Form (only projects > 100,000 cubic feet)
- **5.3, HVAC Sizing, Installation and Duct Systems**
  - Residential Projects: Heating and cooling equipment sized in accordance with the Air Conditioning Contractors of America (ACCA) Manual, Parts D, J and S
  - Commercial Projects: ASHRAE handbooks, or equivalent software
- **5.4, ENERGY STAR Appliances (if providing appliances)**
- **5.5, Lighting**

To be Completed by Energy Rater/Energy Professional	
Signature:	
Name:	
Title:	
Tel. No.:	
E-mail:	
Accreditation: (license/licensing body)	
Date:	