



Department of Regulatory and Economic Resources
Board Administration Section
11805 S.W. 26 Street (Coral Way) Rm. 230
Miami, Florida 33175
Tel (786) 315-2573 Fax (786) 315-2570
www.miamidade.gov/development

MEMO

TO: All Building Officials in Miami-Dade County

**FROM: Secretary of the Board
Board of Rules and Appeals**

DATE: April 25th, 2014

SUBJECT: BORA Energy Code Compliance Guidelines

The Miami-Dade County *GreenPrint* program was launched to provide a framework to improve the overall sustainability of the County and is seen as a vision and action plan for achieving that goal. The role assigned to the Board of Rules and Appeals (BORA), by *GreenPrint*, is to create a Subcommittee to study and gain insight into energy code enforcement practices of local jurisdictions throughout the County, to advocate, promote and participate in sustainable construction solutions and to ensure uniform application of the Florida Energy Conservation Code. The Electrical, Mechanical and Plumbing BORA Subcommittee was formed and assigned the responsibility to:

- **Estimate countywide energy code compliance**
- **Estimate Code Officials' level of involvement and awareness**
- **Identify training opportunities**
- **Identify opportunities for compliance**

The Electrical, Mechanical and Plumbing Subcommittee convened in February and March 2014. The Subcommittee created an Energy Code Survey that sought responses and input from Building Officials, Chiefs and Plans Examiners. The compiled and analyzed data was used to establish recommendations for improving energy code compliance. The Subcommittee ultimately focused on a number of significant energy code compliance disconnects which were found to frequently occur and adversely impact the building envelope energy performance.

At their meeting of April 24, 2014, the Board of Rules and Appeals voted to accept the recommendations of the Electrical, Mechanical and Plumbing Subcommittee relating to energy code compliance. In doing so, the Board established guidance for Building Officials requiring uniform enforcement of the Florida Conservation Energy Code.

The direction to Building Officials, as approved by BORA, includes the following:

- **Mechanical Plans Examiners shall:**
 - Review the energy calculations and confirm energy performance.
- **Trade Plans Examiners shall:**
 - Be responsible for compliance of approved Energy Calculation requirements pertaining to their trades and ensure they are accurately reflected on the plans.
- **The Building Inspector shall perform the wall and attic insulation inspection prior to concealment.**
- **The Building Official shall require the EPL card be completed and certified by the builder to be accurate and correct before final approval of the building for occupancy.**
 - Building or Mechanical Inspector shall verify the EPL card at the Final Inspection.
- **The BORA approved *Simplified Energy Synopsis Form* shall be included in the permitting packages.**
 - Mechanical Plans Examiners shall complete and validate the Form.
 - A copy of the validated form shall be made available to the Roofing Plans Examiner and the Structural Plans Examiner.
 - A copy of the validated form shall be included into the Roofing and the Window, Door and Skylight permit packages. The Building and Roofing Inspectors shall verify the work complies with the form.

A copy of the BORA approved *Energy Synopsis Form* is attached.

Should you have any questions regarding these requirements, please contact Mr. Amador Barzaga, Training and Certification Officer, at (786) 315-2559.

MG:KC

Attachment: (1) BORA Simplified Energy Synopsis Form

cc: Michael Goolsby, Director, Board and Code Administration Division

MIAMI-DADE COUNTY
BOARD OF RULES AND APPEALS

SIMPLIFIED ENERGY SYNOPSIS FORM

FOR THE GLAZING AND ROOFING PERMITS*

**This form shall be filled out and validated by the Plans Examiner reviewing energy; the form must then be made available to the Structural Plans Examiner and the Roofing Plans Examiner. This form must be included as part of the both the glazing permit package and the roofing permit package. The Building and Roofing Inspector shall utilize this form to confirm energy code compliance.*

Project or Owners Name:	
Project Address:	
Process Number:	

Building Element**	U-Factor	R-Value	SHGC	Reflectance
Glazed Fenestration				
Skylight				
Above Deck Roof Insulation				
Roof Reflectance				

** Mark NA for any information which is not applicable