

5/21/2025

Energy Model & Green Program Assumptions Disclosure

Southern Energy Management has built energy models for the following project:

- **Stillwater Ridge**

The energy models follow the *ANSI/RESNET/ICC 301-2019 Standard for the Calculation and Labeling of the Energy Performance of Dwelling and Sleeping Units using an Energy Rating Index*.

The inputs in the energy models that are used to demonstrate preliminary compliance with the South Carolina QAP standards are based upon the minimum requirements for Energy Star, as well as the initial plans provided (if applicable) to Southern Energy Management. If plans were provided, they were assumed to be the latest version and a representation of what will be constructed on site.

Unless otherwise indicated, building envelope performance values are assumed to be code minimum for the applicable jurisdiction and are also subject to change after on-site testing is performed. Initial files sent to the project team may indicate a variation in unit square footage values than what is provided to SEM on the preliminary plans. This difference can be attributed to the differing protocols for measuring units between the architect and the residential modeler. If square footage below is the same as the values listed in the Exhibit G, note that once measured for the final energy model the square footage utilized may vary.

Southern Energy Management does not guarantee nor attest compliance with the applicable QAP requirements based on these preliminary models or plan set(s) as our review is based on ENERGY STAR for Multifamily New Construction V1.1 compliance and green program (NGBS) qualification. All inputs listed in the following Building File Reports are subject to change with any alterations or modifications in the construction documents plan set as well as differences observed during on-site inspections.

As Modeled Unit Type(s)*

**Plans used to generate these scores are preliminary and may not be representative of the final design.*

Number of Bedrooms	Square Footage	Average HERS
1 bedroom	823	58

2 bedroom	1001	58
3 bedroom	1193	57
4 bedroom	1309	59

About Southern Energy Management

Southern Energy Management (SEM) is a HERS rater training provider that has been committed to improving the way people create, consume, and conserve energy since 2001. We are a team of over 180 building performance and solar experts who believe what you do is important, and how you do it matters just as much. SEM provides consultations, inspections, testing and third party verification for multifamily & commercial green building certification programs including (but not limited to): HERS Ratings, ENERGY STAR, National Green Building Standard, LEED, Green Globes, EarthCraft, Fitwel, etc.

<https://southern-energy.com/multifamily-energy-services/>

