

Certification Summary

(RISES Multifamily Program Version 3.0)

12 Points Required for Certification			Yes	Maybe	No	Achieved	Additional Reference
Site Planning		16					
Required	Construction Pollution Mitigation						Comply with the 2021 NPDES CGP (Construction General Permit) for Stormwater Discharge or local code, whichever is more stringent. Municipal SWP3 & ESC inspection reports shall be uploaded to Green Badger monthly.
Required	Mobility Amenities						Provide greater of, 1 bicycle space for every 3 bedrooms, or 10 spaces, whichever is greater. For projects that require 20 or more bike spaces, a bike facility must be implemented.
Required	Electric Vehicle Stations						5% of total parking spaces shall be dedicated to EV Charging Stations.
Required	Sensitive Land Protection						Previously developed site excluded from requirement. Greenfield Project cannot disturb or be developed within 100 ft of wetland or water bodies.
Credit 1	Site Connectivity/ Walk Score	1,2,3,4,5					Walk Score: 1 point for 50-59 score; 2 points for 60-69 score; 3 points for 70-79 score; 4 points for 80-89 score; 5 points for 90 - 100 score.
Credit 2	Impacted Site	1,3,5					Previously developed site -1 point; Capped brownfield site - 3 points; Fully remediated brownfield site - 5 points.
Credit 3	Urban Green Space	1					25% of project site allocated to Green Space; building footprint is included.
Credit 4	Stormwater Management	1,2					1 point- Best Management Practices (BMP) to prevent off site discharge of 1" stormwater runoff using low-impact systems; Additional 1 point- Treat 90% of baseline runoff to remove 80% of TSS (Total Suspended Solids) from water. Vegetation must be native plants.
Credit 5	Shaded or High Albedo Paving	1					50% of impervious surface to be shaded OR impervious surface to have Solar Reflectance Index (SRI) of > 29.
Credit 6	High Reflectance Roof	1					Low sloped roof shall have SRI >80. Steep sloped roof shall have SRI >29.
Credit 7	Light Pollution Reduction	1					Full cutoff exterior lights for 100% of light fixtures, 20% reduction in lighting power density (LPD) from ASHRAE 90.1 2013 energy model, & Light fixtures cannot exceed maximums per the MLO Ordinance.
Water Conservation		6					
Required	Water Conservation- 30% Reduction						Comply with 2005 Energy Policy Act requirements and relative to EPAct baseline requirements, reduce water use by additional 30%. Use Green Badger water calculations and submit to Charleston RISES.
Credit 1	Water Conservation- 35%, 40% Reduction	2, 4					2 points for 35%; 4 points for 40% reduction.
Credit 2	Site Irrigation, Zero Potable Water Use	2					Zero potable water use for irrigation.

Energy Efficiency and Renewable Power		10				
Required	Energy Conservation- 30% Reduction					Whole building performance energy modeling will be required to show a 30% reduction in energy consumption in comparison to the ASHRAE 90.1 2013 baseline OR project can meet this requirement by achieving the EPA ENERGY STAR Multifamily Certification; ERI Target Score of 55. The Energy modeler shall use eQUEST - DOE2 or a comparable software is required.
Required	Building Systems Commissioning					Commissioning Agent must comply with ASHRAE Standard 202-2018 and ASHRAE Guideline 0-2019, The Commissioning Process. The building envelope commissioning shall be in accordance with NIBS Guideline 3-2012. Refer to technical guidance to find required commissioning tests.
Required	Building Envelope & Insulation, Testing & Verification					Third Party inspections to verify compliance with ANSI/RENET/ICC standards & 2009 IECC code. Rough Stage inspection- Insulation and Air Sealing inspection; Grade 2 insulation or better must be achieved and inspected in 100% of the dwelling units. Final Stage inspection- Blower Door & Duct Leakage to Outside to meet 2009 IECC standards; sampling protocol is provided. Blower door test < 7.0 ACH50 Duct Leakage to Outside < 6 CFM per 100 sq ft
Required	On-Site Renewable Energy					Renewable system size is determined by the SQ FT of the building.
Required	Long Term Efficiency Verification					Must use ENERGY STAR Portfolio Manager; Managed for 60 months.
Credit 1	Additional Reductions in Energy Use	1 to 10				1 point per 2% beyond the ASHRAE 90.1 2013 30% reduction in the energy consumption.
Sustainable Materials		10				
Required	Onsite Recycling					Required to implement a recycling management plan; provide interior bins at common areas or units, and provide recycling dumpsters in dedicated areas. Enroll in Charleston County Business Recycling Program or contract other third-party business recycling service.
Required	LED Light Fixtures					100% of light fixtures are LED luminaires. Multi-level controls or programmable timers for parking lot lighting. Light fixtures designated to safety, or temporary fixtures are exempt.
Credit 1	Building Reuse, Shell & Interior	1,2,3,4				Retain and incorporate exterior building structure; 1 point- 50%, 2 points- 75%, 3 points- 95%. Reuse existing interior non-structural elements for at least 50% of project site- Additional 1 point.
Credit 2	Construction Waste Management	1,2				Recycle/ salvage 50% of C&D debris - 1 point; 75% - 2 points. Use Green Badger tracking application.
Credit 3	Recycled Content	1,2				See SMc4. Calculate the material cost of recycled content products with the material cost of all products. 10% of total material cost that is recycled material cost- 1 point; 20% - 2 points. Use Green Badger tracking application.

Credit 4	Local & Regional Materials	1,2					Materials or products extracted, harvested or recovered AND manufactured within 500 miles of project site. Calculate the material cost of locally harvested materials with total cost of all materials. 10%- 1 Point, 20%- 2 Points. Use Green Badger tracking application.
Healthy Interiors		6					
Required	Building Ventilation						For common and shared spaces, meet compliance ASHRAE 62.1-2010 Standard; For Dwelling Units, meet compliance of 2021 Mechanical Code Section 403 and submit compliance pathway documentation to Charleston RISES.
Required	Nonsmoking Building						No smoking inside building & within 25 ft of building entrance, ventilation intakes & windows. Building signage required.
Required	Interior Air Quality During Construction						Use the SMACNA IAQ Guidelines for Occupied Buildings under Construction. Minimum of MERV 8 HVAC filters installed during last phases of construction.
Required	Low-Emitting Materials						Includes low-emitting paints, coatings & adhesives, flooring materials, & furniture. Upload product data sheets to Green Badger.
Required	Thermal Comfort						Building & systems to comply with ASHRAE 55-2013. Use of Use Green Badger calculations & furnish compliance report.
Credit 1	Green Cleaning Program	4					Implement a green cleaning program that includes Green Seal approved products.
Credit 2	Dwelling Unit Ventilation; ERV	2					Provide dwelling unit ventilation by installing an ENERGY STAR certified ERV unit with a venting dehumidifier. Ventilation rate to meet ASHRAE 62.2 2010, 2013, or 2016 and shall be verified by performance test.
Innovation		3					
Required	Education & Outreach						Signage required; Charleston RISES logo printed on construction banners during construction. Building signage required at final inspection; 1 sign that summarizes the RISES project certification & 5 signs, 1 sign per Charleston RISES chapter. Additionally, owner shall include specific RISES documentation on project website.
Credit	Innovation in Design	1,2,3					To be approved by Charleston RISES at design review. Submit narrative of the proposed sustainability innovation during Design Review. Refer to the Innovation Credit Library in the technical guide for options.
Total Possible Points		50					