



COLORADO • SINCE 1878

RESNET RATER CHECKLIST FOR CITY OF LOUISVILLE ENERGY CODE, 2024 IECC

Latest revision 11/12/2025
Effective 12/6/25

Completed and Signed by a licensed RESNET Rater Only

Submittal Date: _____

Property Address: _____

Permit Number: _____

Property Owner's Name: _____

Energy Rater Company: _____

Name and Version of compliance software tool: _____

Energy Rater Name: _____

Raters Phone Number: _____

Raters Email: _____

EN.1 At time of Permit Submittal RESNET rater shall Submit Projected HERS shall be submitted with building plans to the City at time of Building Permit application

This checklist is compiled for RESNET Energy Rater purposes for use by the Division of Building and Life Safety.

The RESNET Rater who is licensed with the City is required to check each box throughout the check list to verify they have completed and approved the inspections listed on the checklist. Failure to do so will result in a failed final inspection and non-issuance of a Certificate of Occupancy.

The information contained herein will also provide condensed construction information for design and job use. This checklist is not intended to indicate any change in any building code or ordinance by inference or omission.

Note: New Residential Buildings Must Be Rated by a City Licensed RESNET Rater. A RESNET Rater must have a HERS rating for the structure that is meets the City's requirements of a HERS of 50 before OPP. The minimum building thermal envelope standards shall comply with requirements of section R402.1.1 and table R402.1.2 including when using the Energy Rating Index. If doing Appendix RC the home shall have an ERI (Energy Rating Index) of 50 before OPP and have and ERI including the adjusted OPP of 0 per appendix RC of the 2024 IECC for Zero Energy Residential Buildings.

INSPECTION SIGN OFF REQUIRED BY RESNET RATER:

- EN.2 RESNET Rater shall provide a letter that Manual J,D and S was reviewed to ensure equipment is the same as used in the HERS Report.
- EN.3 RESNET Rater shall Provide a letter that Manual J, D and S was inspected in the field to ensure ducting was installed per manual J, D and S.
- EN.4 RESNET Rater shall Provide a letter on Duct Leakage Test was performed or observed to be in compliance to meet the requirements of the City's adopted Energy Code.
- EN.5 RESNET Rater shall Provide a letter for Approve Window and Doors U values found to be in compliance with Manual J, D and S and the HERS report.
- EN.6 RESNET Rater shall Provide a letter that Home was inspected and approved to be in compliance of being solar ready per the Colorado Electric Ready and Solar-Ready Code.
- EN.7 RESNET Rater shall Provide inspection letter that sealing joints/breaks was done to meet code.
- EN.8 RESNET Rater shall Provide inspection letter of insulation inspection on thermal envelope that R values meet Manual J, D and S, HERS report and the Insulation Certificate and ducts are insulated to code.
- EN.9 RESNET Rater shall Provide a letter that Recessed lights, Electrical and Communication Boxes are air sealed.
- EN.10 RESNET Rater shall Provide a letter that structure passed the Blower Door test per the adopted energy code.
- EN.11 RESNET Rater shall Provide a letter that the HRV and ERV **if used** passed the fan efficiencies.
- EN.12 RESNET Rater shall Provide letter that Programable thermostat was working, hot water recirculation pump was installed and working, Fireplace had tight fitting door labeled to UL 127 standards.
- EN.13 RESNET Rater shall Provide letter that at time of Final Inspection the Manual J, D, S , Final HERS report, Insulation Certificate and the NREL Watts Calculator for solar matched up (if using solar to bring HERS rating down) All shall coordinate with the Final HERS report.
- EN.14 RESNET Rater shall Provide Final HERS report and Signed Affidavit and sign off on Inspection Card.

EN-RC IS FOR USING APPENDIX RC 2024 IECC

- EN-RC.1 Verify the Total Electric kWh listed on the Fuel Summary Report shall be equal to or greater than the NREL PV Watts Calculator for onsite solar for Appendix RC.
- EN-RC.2 If offsite solar will be used, provide a contract with the property owner and offsite solar company for Appendix RC.
- EN-RC.3 Provide a final approved and signed RESTNET energy report demonstrating a FINAL ERI of 50 without on-site power production and 0 after on-site power production for Appendix RC.

Once all items have been checked in the box that they were completed, sign the affidavit below and upload to the CSS Portal for review as part of the Building Final Inspection.

Affidavit:

I (print name) _____ understand by signing below I agree that I have inspected and verified that all the requirements on this checklist have been completed. I acknowledge that failure to do so can result in failed inspections and additional inspection fees and a delay in Certificate of Occupancy issuance.

Signature: _____

Date: _____