

Energy Rater / Energy rating (HERS)

A home energy rating is a standard measurement of a home's energy efficiency. The home energy rating or audit is performed by a trained independent energy efficiency professional (Rater). Raters are accredited by RESNET the Residential Energy Services Network. RESNET requires that raters receive on going training and testing, follow strict standards of practice, code of ethics including disclosing any conflicts of interest. Home energy ratings include on-site inspection, data collection and diagnostic testing. Energy ratings consider home characteristics such as; air and duct leakage, insulation levels and effectiveness, window efficiency, wall-to-window ratios, the heating and cooling system efficiencies, water heating and the solar orientation of the home. These factors influence the score a home receives on a standardized scale that is based on national energy codes and statistics. The data is analyzed and a report on the findings is generated. Existing homeowners benefit from a rating or audit by receiving cost-effective energy reducing advise and solution specific to their home. Builders benefit from energy ratings by analyzing and implementing what building materials and techniques best impact their energy efficiency score. This validates their energy code compliance and leads to qualifying the new home for Energy Star certification. An energy rating is a tool for the homeowner, buyer or builder when comparing the performance of homes or upgrades being considered. Contact **Residential Energy Solutions** before you buy or build or make improvements.