

REM/Rate™ Simulation Software, by Architectural Energy Corporation (AEC)



REM/Rate™ is a user-friendly, yet highly sophisticated; residential energy analysis, code compliance and rating software developed specifically for the needs of HERS providers.

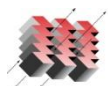
REM/Rate™ software calculates heating, cooling, hot water, lighting, and appliance energy loads, consumption and costs for new and existing single and multi-family homes. Climate data is available for cities and towns throughout North America. As a home energy rating tool, REM/Rate™ meets the following requirements:

- Calculates energy loads, consumption and costs as well as sizes mechanical equipment and performs automatic CABO Model Energy Code, ASHRAE 90.2 and International Energy Conservation Code compliance analysis.
- Complies with National Home Energy Rating Standards as promulgated by Residential Energy Services Network (RESNET®).

AEC has agreed to provide students registered in the DOE Student Design Competition use of the REM/Rate software to perform energy analysis and develop a HERS Index for new home designs. The software license, which allows printing with a “DRAFT” watermark, is a full featured program license that will expire following the completion of the Design Competition.

The software is available at <http://www.archenergy.com/products/remrate/license-and-download-remrate> and it starts off with a 90-day trial mode. Registered teams can use it until May 31, 2014 with the REM/Rate registration key. The REM/Rate registration key will be provided in a welcome letter from Home Innovation Research Labs. The software is the intellectual property of Architectural Energy Corporation. Members of registered teams may download, install and register REM/rate software. Software registration information shall not be distributed to other parties. Online tutorials are available at <http://www.archenergy.com/products/remrate/remrate-training>.

Assistance about registration should be directed to Joseph Wiehagen at jwiehagen@homeinnovation.com.



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