



# REU Earth Advantage<sup>®</sup> Process

## **Participation**

To build and market homes under the REU Earth Advantage<sup>®</sup> program a builder must first complete and sign REU's Builder Agreement with specifications for REU Earth Advantage home design and building requirements as well as co-advertising specifications.

## **Plan Review**

At the start of the program and before applying for a building permit, Builders should meet with an REU Earth Advantage Program Manager to review the home's energy calculations and building plans to complete the REU Earth Advantage worksheet for development of the REU Earth Advantage Points Worksheet's "Inspection Forms" with your application for a building permit.

## **Determine Earth Advantage Criteria**

When the energy calculations for your building plans are completed and show an efficiency of 20 percent or better than California Title 24 building standards, an REU Earth Advantage Program Manager can work with Builders to meet the requirement levels for Healthier Indoor Air, Environmental Responsibility and overall Resource Efficiency.

## **Consultation**

REU Earth Advantage Program Managers can provide technical support and educational workshops in the use of Earth Advantage certified materials to you and your subcontractors.

## **Walk-Through**

REU Earth Advantage Program Managers and building inspectors will conduct on-site inspections to verify proper installation of materials and equipment throughout construction.

## **Performance Testing**

Two tests are performed to certify an REU Earth Advantage home. With the installation of an HVAC system, an REU Earth Advantage representative will conduct a duct pressurization test to confirm the air loss from the ducting is at or below 5 percent. At the end of construction, a blower door test will determine the infiltration levels, measured in air changes per hour (ac/hr), within the home are 0.35 ac/hr or less.

## **Certification**

Upon completion, you and the new homeowner, if different, will receive an Earth Advantage certificate listing the features selected for the home, the measures' specifications and ratings with the diagnostic test results confirming that the home meets the REU Earth Advantage standards.

**[www.reupower.com](http://www.reupower.com)**  
**(530) 339-7300**



live natural. build green.