



GREEN HIGHLIGHTS



Coal Creek Village High Performance Features . . . ENERGY STAR Qualified® Homes!

100% Energy Star Qualified Home and More!

- Each home has a third party independent **HERS** (Home Energy Rating Services) score certified by SRP and RESNet professionals (National Certified Residential Energy Auditor).
- Estimated **50% Energy Savings** (light, heat, A/C and water).
- ENERGY STAR Efficient Appliances providing a 10%-15% reduction in wasted energy.

Sealed for Savings

- Spray Foam Insulation seals your home and keeps the air conditioning in, dirt and pollution out. A typical home loses **20%-50%** of its energy through leaks.
- Meritage High Performance Home has **less than 0.1** Air Exchanges per Hour (AEHs). A typical home can be over 2 Air Exchanges per Hour, which is a **200% improvement**.
- A Meritage Spray Foam attic is a semi conditioned space with air temperatures on average 50 degrees cooler in summer and 38 degrees warmer in winter, which helps keep your home at a comfortable temperature with less energy use.

Energy Efficient Lighting

- A Meritage High Performance Home has a minimum of **80%** of the light produced in the home by CFL Lighting (Compact Fluorescent Lighting).
- Fluorescent lighting uses **75% less energy** and produces 25% of the heat of standard light bulbs.
- CFL Lighting lasts up to **10 X longer**.
- Optional LED lighting is the lighting of the future. LED Lighting uses **90% less energy**, produces 10% of the heat and can last **133 X longer**.

High Performance Heating and Cooling

- A Meritage High Performance Home has an option for a **SEER 14** Air Conditioner, combined with an Energy Efficient Pump, which can save **20%-40%** of the energy used by a 10 year old system.
- Programmable Thermostat can produce up to **30% savings** in your cooling and heating costs and can regulate your home's temperature even when you are away.
- Efficient furnaces cycle on and off less often with advanced controls to provide the desired temperatures throughout your home. Various efficient furnaces, like sealed combustion units, harness products of combustion, reducing the exhaust temperature and providing more heat for your home.
- **90% ENERGY STAR®** Qualified furnaces are 15% more efficient than standard models.

Water Conservation

- High Performance Water Efficient Plumbing Fixtures reduce water usage **up to 50%**.
- Dual actuated toilets provide an ability to reduce water usage of a typical toilet **by at least 70%**.
- **Weather Sensing Irrigation** downloads weather data daily and shuts off irrigation to the system or to specific areas when needed. Weather Sensing Irrigation enables your landscaping to meet the new EPA's Water Sense program.
- **PEX Plumbing** is an advanced water piping system that eliminates noisy pipes and reduces heat loss.

Improved Indoor Air Quality

- **Low VOC** (Volatile Organic Compounds) carpets, paints and finishes.
- Chemical compounds like formaldehyde are the #2 cause of lung cancer in the US. Low VOCs reduce the amount of chemicals emitted, providing a safer quality of indoor air.

High Performance Windows

- Meritage High Performance Vinyl Windows have a **.34 U Insulative Value**, compared to a typical home window with a 1.3 U Insulative Value.
- Meritage High Performance Vinyl Windows have an ability to block light of **.2 SHGC** (Solar Heat Gain Coefficient), compared to typical home windows with a .9 SHGC.
- Meritage High Performance Windows are **4 X more** energy efficient.
- **Low E Glass** allows visible light to pass, while blocking damaging rays, like ultraviolet rays which damage skin, wood and fabrics and infrared rays which are basically heat. Both need to be blocked as much as possible.

