

Take Comfort in an APS ENERGY STAR® Home

If you're shopping for a new home, you have a lot to consider, including where to live, size, and of course, price. You may not be thinking about how energy efficient the home is. But when you consider an APS ENERGY STAR home, the energy efficiencies are already built right in. The ENERGY STAR home you buy today will have a great impact in the future: on your comfort, your energy costs, and our natural resources.

Builders of APS ENERGY STAR homes use standard construction practices, but put special care into the areas that make these homes so much more efficient:

- Tighter building envelope
- Energy efficient low-E windows
- Properly installed insulation
- Tightly sealed ductwork
- High-efficiency heating, cooling and ventilation systems
- Testing and inspections

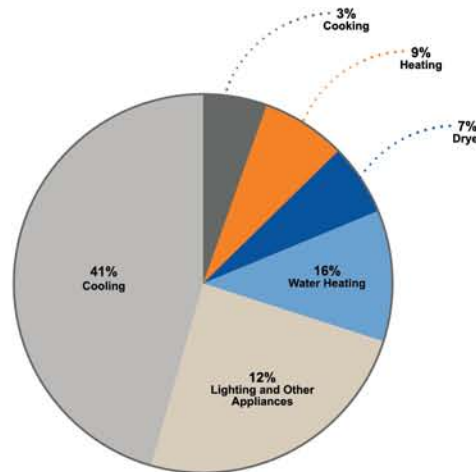
Buyers of APS ENERGY STAR homes will enjoy benefits for years to come:

- Lower monthly utility bills
- Greater year-round comfort
- Improved air quality for better health
- Quality construction
- Higher resale value

How you spend your energy. An inside look at where the energy is used.

Energy efficiency matters to all of us – for savings, for comfort and for environmental responsibility. That's why your builder constructed this home to meet the rigorous standards in the APS ENERGY STAR Homes Program.

Here in the low Arizona desert, cooling consumes the biggest piece of the energy pie. So this is where you can expect the most savings from an efficient home. The chart below shows how energy consumption is divided in a typical Arizona home:



For more information about the APS ENERGY STAR Homes Program, ask your builder's sales representative or visit aps.com. For more information on this energy estimate, call (602) 250-2938.



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Estimated Energy Costs



William Ryan Homes Ironwood Pointe at Mountain Ranch

Westar Drive and W. East Wind Avenue
Goodyear, AZ

Estimated Energy Costs

Actual energy costs may vary, depending upon individual lifestyle and number of people living in the home.



William Ryan Homes Ironwood Pointe at Mountain Ranch in Estrella

Model Names	Cantera	Flagstaff	Santa Fe	Silverado	Jericho
Square Feet	1,717 s.f.	1,985 s.f.	2,010 s.f.	2,130 s.f.	2,725 s.f.
Annual Heating/ Cooling Estimate	\$ 832	\$ 763	\$ 894	\$ 981	\$ 1,099
Water Heating Gas	\$ 231	\$ 231	\$ 257	\$ 257	\$ 257
Lights & Appliances Lighting, Range, Dryer, Refrigerator	\$ 599	\$ 662	\$ 660	\$ 699	\$ 875
Electric Service Fees and Taxes	\$ 207	\$ 207	\$ 207	\$ 207	\$ 207
TOTAL ANNUAL GAS & ELECTRIC COSTS	\$ 1,869	\$ 1,863	\$ 2,018	\$ 2,144	\$ 2,438
AVERAGE MONTHLY <u>ELECTRIC</u> BILL	\$ 128	\$ 127	\$ 138	\$ 149	\$ 173

Assumption variable and subdivision specific components listed here:

Estimates are based on the APS Standard rate using the following assumptions:

- 0-1,000 sq. ft. = 2 people; 1,001-2,000 sq. ft. = 3 people; 2,000 sq. ft. = 4 people
- Frame construction in Climate Zone 1
- R-22 ceiling and R-17 wall insulation
- Low E2 windows with U-value .62 and SHGC .37
- Heat Pump cooling with Seasonal Energy Efficiency (SEER) of 14.0
- Heat Pump heating with Heating Seasonal Performance Factor (HSPF) of 8.5
- Conventional gas water heating at .56 Efficiency Factor (EF)

Thank you for considering an
APS ENERGY STAR Home in
your new home search