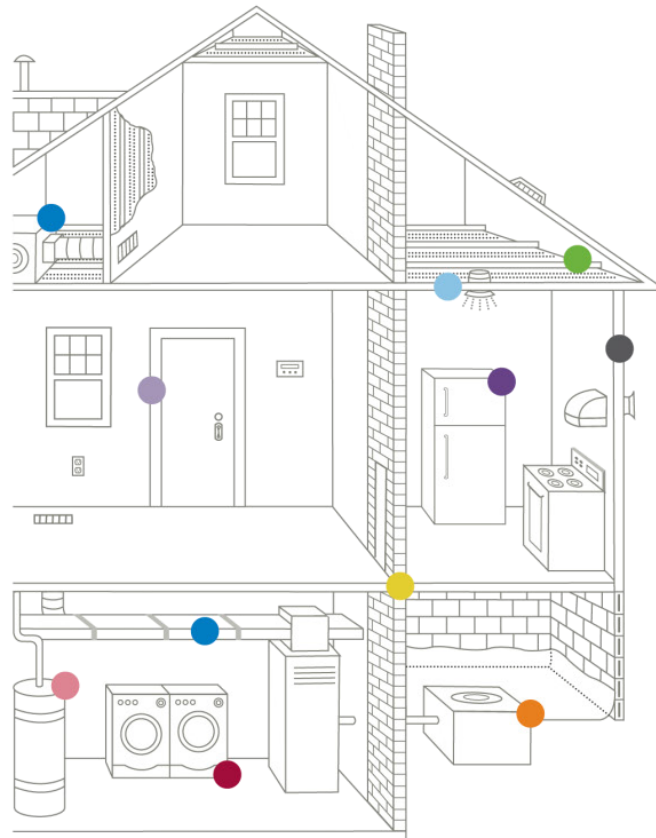


## SCORE CARD

	Scores
Air Sealing	10
Attic Insulation	10
Duct System	10
Lighting	10
Heating / Cooling Systems	10
Appliances / Electronics	10
Water Heating	10
Refrigerator	10
Windows & Doors	10
Wall Insulation	10



## YOUR HOME IS NOW A 10!

Congratulations! You have completed the list of energy upgrades on the back of this card. Your home is now as energy efficient as possible!



**Average Valley Homes** that achieve a 10 can expect up to 20% savings on energy costs.



# ✓ GREAT JOB – FINISHED PROJECTS

	06/10/2021 Scores
<b>Air Sealing:</b> Stay cool in summer and warm in winter by closing the places where air leaks in or out	10
<b>Appliances / Electronics:</b> Replace old appliances and electronics with ENERGY STAR® certified equipment	10
<b>Attic Insulation:</b> Keep warm or cool air from escaping through your roof by adding more attic insulation	10
<b>Duct System:</b> Close the gaps in your ducts to get the most for your energy dollars	10
<b>Lighting:</b> Replace your old incandescent bulbs with energy saving CFL or LED bulbs	10
<b>Heating / Cooling Systems:</b> When your old system needs replacing, buy equipment that meets the ENERGY STAR® standard	10
<b>Refrigerator:</b> Replace your old refrigerator with an ENERGY STAR® certified model and save up to 30%	10
<b>Wall Insulation:</b> When remodeling your home, add insulation to your walls for more comfort and higher energy savings	10
<b>Water Heating:</b> Lower your water heating costs by installing a super-efficient ENERGY STAR® certified unit	10
<b>Windows &amp; Doors:</b> Look for the ENERGY STAR® label when replacing your doors or windows	10



**Congratulations! Your home has scored a 10! A 10 means your home is the best it can be.**

## HOMEOWNER

Alan Henderson  
3315 Old Plantation Way  
Maryville, TN 37804

Site ID: CI126558SA104

## ADVISOR

City of Alcoa Electric Department

Completed: 06/10/2021  
Energy Advisor: Charmer Johnson  
1.855.237.2673



## Air Sealing

Keep your home comfortable and improve its efficiency by sealing the areas where air escapes or enters your home. Sealing your outer walls, ceiling, windows, doors, and floor is one of the least expensive ways to improve your home's efficiency and comfort level. Some air leaks and drafts are easy to find because they are easy to feel • like those around windows and doors. Holes around plumbing and wiring penetrations are small and may go unnoticed, but combine them all together and they make up a large part of the energy waste in your home.

Learn more about air sealing at [www.energystar.gov](http://www.energystar.gov) and click on "Energy Savings for the Home".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Let your contractor know if there are any excessively drafty areas
- Check the condition of sealants (caulk, foam, etc) on the exterior of your home annually

### Notes for Customer:

Installing foam switch plate and outlet cover gaskets throughout your home will Complete your home's air sealing measures. Great Job!!

## Attic Insulation

Increasing your level of attic insulation will keep more of your heat or air conditioning from escaping and has a quick payback for the investment made. Make sure any air sealing needed on the attic surface is performed before more insulation is added. Then insulate the attic to the recommended level.

Learn more about attic insulation at [www.energystar.gov](http://www.energystar.gov) and click on "Energy Savings for the Home".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Check attic for compacted insulation after any maintenance has been done
- Attic insulation should be level throughout the attic

### Notes for Customer:

Adding additional insulation to your knee wall will ensure Comfort in your Bonus Room.

## Duct System

Maximize your dollars spent on energy efficiency by closing the leaks in your duct system. Leaks in your ducts not only allow heated or cooled air to escape, but also allow outside air to seep into your ductwork, causing your system to work harder and cost you more money. A trained professional can seal and insulate your ducts for even greater energy savings and comfort.

Learn more about duct sealing and insulation at [www.energystar.gov](http://www.energystar.gov) and click on "Energy Savings for Home".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Keep furniture from blocking registers
- Keep all interior doors and registers open

### Notes for Customer:

Sealing your ducts will maximize the efficiency of your Geothermal HVAC system. Great Job.

## Efficient Lighting

Lighting typically accounts for ten percent of a home's energy bill if that home uses incandescent lighting. Replacing old incandescent bulbs with high efficiency CFL or LED bulbs in high use areas, such as your kitchen and den, will make a real impact on your energy use. Compact fluorescent bulbs (CFLs) use much less energy than incandescent bulbs, produce the same amount of light, and last up to ten times longer. Light-Emitting Diode (LED) bulbs use slightly less energy than CFLs and have an even longer life. LED lighting offers excellent color quality, are dimmable, come on instantly, and have the same brightness as other lighting types. Look for the ENERGY STAR® when selecting bulbs for your home.



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Turn off lights when leaving the room
- Turn off ceiling fans when rooms are not occupied

### Notes for Customer:

100% LED lighting.

## Heating and Cooling System

The operation of your home's heating and cooling system is the biggest part of your home's energy use. If your central system is over ten years old or beginning to have operational issues, you may want to consider replacing it with an ENERGY STAR® level, high efficiency system for greater comfort and higher savings.

Learn more about high efficiency heating and cooling systems at [www.energystar.gov](http://www.energystar.gov) and click on "Products".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Change air filters monthly
- Have regular tune-ups
- Keep outdoor unit free of obstructions (bushes, fences, grass clippings, etc.)

### Notes for Customer:

## Appliances and Electronics

Every appliance and electronic product should come with two price tags: the purchase price and what it costs you to operate and maintain it each month. From clothes washers to flat screen televisions, ENERGY STAR® qualified appliances and electronics use 10 to 50 percent less energy than standard models, saving you money from the start.

Learn more about appliances and electronics at [www.energystar.gov](http://www.energystar.gov) and click on "Products".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- When replacing or purchasing new choose Energy Star qualified appliances
- Use a power strip with on/off switch
- Wash clothes with cold water
- Unplug electronics and appliances when not in use

### Notes for Customer:

A variable speed pool pump or a timer on your present pump will offer efficient operations for the purification process.



## Water Heating

Water heaters use a considerable amount of energy. If your water heater is ten years old or beginning to have operational problems, you have an opportunity to replace it with an energy efficient model. If your current unit is gas, replace with an ENERGY STAR® gas model. If your current unit is electric, you may want to ask your contractor or home energy advisor if your home is a candidate for an ENERGY STAR heat pump water heater, which can cut electric water heating costs by up to 50 percent!

To learn more about high efficiency water heating go to [www.energystar.gov](http://www.energystar.gov) and click on "Products".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Set your water heater temperature to 120 degrees

### Notes for Customer:

## Refrigerators

New ENERGY STAR® refrigerators use about 15 percent less energy than a new non-ENERGY STAR model, meaning they can save you around \$80 over the lifetime of the refrigerator. However, if your refrigerator is 10 to 20 years old, your savings for installing a new ENERGY STAR refrigerator can range between \$200 and \$1,000 over a five-year period. If you need extra refrigeration for special occasions, consider buying a smaller, ENERGY STAR® refrigerator to maximize your savings.

To learn more about high efficiency refrigerators go to [www.energystar.gov](http://www.energystar.gov) and click on "Products".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Set refrigerator temperature between 35 and 38 degrees F
- When accessible, carefully vacuum coils
- Make sure there are a few inches of open space behind refrigerator for air circulation
- If a secondary refrigerator/freezer is empty, unplug it

### Notes for Customer:

## Windows and Doors

Having two layers of glass on your windows is a good energy efficiency recommendation. The condition of your existing windows may determine the best way to get those two layers. If you have single-paned windows that are in good condition and cannot afford to replace them, consider adding storm windows to your existing windows. If you are wanting to replace your existing windows, ask your contractor for windows that meet ENERGY STAR • requirements. Door replacement should be considered when your exterior door is damaged and can't be repaired. Look for the ENERGY STAR label to assure maximum efficiency potential.

To learn more about windows and doors go to [www.energystar.gov](http://www.energystar.gov) and click on "Products".



Your Home Now - 10



Your Home's Best - 10



### Energy Saving Tips:

- Check weather stripping

### Notes for Customer:

## Wall Insulation

Most newer homes have existing exterior wall insulation, but homes 40 years or older might not have it. If your walls are not insulated, wall insulation can be added through a process of drilling holes in the wall to access each stud cavity. Blown-in insulation is then added and the holes repaired. The best time to add insulation is usually when the home is being remodeled. If the exterior walls are being exposed, insulation can be added before applying sheetrock to the walls. The payback may be longer for this efficiency improvement than some other energy improvements because of the labor costs involved.

To learn more about wall insulation go to [www.energystar.gov](http://www.energystar.gov) and click on "Energy Savings at Home".



Your Home Now - 10



Your Home's Best - 10



## Energy Saving Tips:

- If you are planning to remodel make sure exterior walls contain insulation

## Notes for Customer:

Great Job managing the home building process. Thanks for following the prescriptive pathway to Comfort and Energy Savings. You will enjoy low operating costs for years to come.

# HEALTH AND SAFETY

## CO MONITOR

A Carbon Monoxide (CO) monitor is recommended if your home has gas appliances and/or an attached garage. The CO monitor should be installed before any upgrades are made. Please consult with your contractor for additional information.

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## Notes for Customer

NA

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