

## Horry Electric Cooperative, Inc. Residential Energy Audit

<b>Name:</b>		
<b>Address:</b>		
<b>Completion Date:</b>		
<b>Telephone:</b>		

	Outside Inspection	
COMPONENT	HEC RECOMMENDATIONS	MY HOME
<b>Windows</b>	Double Glass or Storm	
-Caulking	Continous and soft	
-Close tightly	Firm fit all around	
-Glazing	Continous	
<b>Doors</b>	Insulated or Storm	
-Caulked	Continous and flexible	
-Close tightly	Firm fit all around	
<b>Siding</b>	Weathertight	
<b>Exhaust Vents (Dryer,Bath)</b>	Outside flap clos tightly, duct clean	
<b>Roof Ventilation</b>	Free flow of air from inlets to outlets	
-Inlet (Soffits)	Soffit vents open and continuous	
-Outlets	Gable or ridge ventilators	
<b>Crawl Space</b>	Ventilated and accessible	
-Soil Conditon	Dry? Lay down plastic on ground (vapor barrier)	
-If water under house, install gutters and/or drains, do not allow water to stay under home		
-Ventilation	Foundation vents open year-round	
-Insulation Level	Minimum 6 inch batts (R-19)	
-Insulation Condition	Paper-side UP, continous installation	
-Duct Condition	All joints connected and insulated	
<b>Heating/Cooling Unit</b>	Annual Service	
-Coils	Clean and fins in good condition	
-Unit	Clear of shrubbery and trash	
-Drain line	Installed with trap (P) and clear	
-Metal cover to house	Sealed tightly (Package Units Only)	
<b>Electric Meter</b>	Read daily	
-Current bill reading	From recent bill:	
-Today's reading	From meter (kWh per day?)	
-Is daily usage higher or lower perday?		
What home activities have changed? Weather changes?		

	Inside Inspection	
<b>Central Heating/Cooling</b>	Annual service	
-Thermostat or controls	68 winter, 78 summer	
-Per degree warmer in winter (cooler summer) cost 5% more per degree		
-Supply vents	Open and clear doors to halls open (min.2")	
-Return filter	Cleaned and replaced monthly	
<b>Central Heating/Cooling</b>	Annual service	
-Thermostat or controls	68 winter, 78 summer	
-Per degree warmer in winter (cooler summer) cost 5% more per degree		
-Supply vents	Open and clear doors to halls open (min.2")	
-Return filter	Cleaned and replaced monthly	
<b>Space Heating</b>	Cleaned and maintained	
<b>Window Unit AC</b>	Annual service	
-Infiltration	Seal tightly around unit	
-Raised window	Sashes sealed where uneven	
-Filter	Cleaned or replaced monthly	
<b>Infiltration-Air leakage</b>	Reduce air leakage	
-Windows	Firm fit all around, windows latched	
-Doors	Firm fit all around, close tightly	
-Plumbing	Bath and kitchen pipes sealed to outside	
-Outlets	Sealed with gaskets	
-Fireplace	Tight damper or glass doors	
<b>Attic</b>	Vented and well insulated	
-Ventilation	Soffit vents open, outlet open	
-Insulation Level	Minimum 9" batts or R-30	
-Insulation condition	Paper side DOWN, level insulation	
-Duct condition	All joints connected and insulated	
-Air Handler	Cabinet airtight (seal holes w/ UL 181 AP tape)	
-Infiltration	Seal all ceiling openings (light, fans, doors)	
<b>Water Heater</b>		
-Insulation	Minimum 3" insulation or built-in foam	
-Pipes	Insulated (Minimum 3 feet from heater)	
-Water temperature	Maximum 120 degrees at tap	
-Plumbing Leaks	No dripping faucets or pipes	
<b>Refrigerator</b>		
-Gasket	Tightly sealed and flexibl, no moisture	
-Temperature	34 to 38 degrees F	
-Coils	Cleaned every 6 months	
<b>Freezer</b>		
-Gasket	Tightly sealed and flexible, no moisture	
-Temperature	3 to 7 degrees F, defrost as needed	
-Coils	Cleaned every 6 months	
<b>Dishwasher</b>		
<b>Dryer</b>		
-Exhaust Vent	Sealed to outside, blows freely to outside	
-Operation	Full loads only, lint filter cleaned	