



## Residential All-Electric (RE) Rate Application/Certification Form

The Residential All-Electric (RE) rate is available to residential members in individually metered permanent residences that meet the rate requirements. Detailed rate specifications are available online at [www.blueridgeenergy.com](http://www.blueridgeenergy.com) under the link "Understanding Your Bill."

Please complete this form and return by mail to: **Jon Jacob**  
**Blue Ridge Energy**  
**PO Box 112 Lenoir**  
**NC 28645**

Or, you may fax to 828.758.2699, Attn: Jon Jacob. We will contact you regarding the status of your application. Please indicate the best time to call: \_\_\_\_\_

Member's name listed on electric account:			Account Number:		
Mailing Address:		City:	State:	Zip:	
Service Address: (if different from mailing address)		City:	State:	Zip:	
Home Phone (    )		Work Phone: (    )		Cell Phone: (    )	
Type of Residence:	<input type="checkbox"/> Condominium <input type="checkbox"/> Single Family <input type="checkbox"/> Apartment	<input type="checkbox"/> Town House <input type="checkbox"/> Modular Home <input type="checkbox"/> Log home	<input type="checkbox"/> Single-wide manufactured home <input type="checkbox"/> Double-wide manufactured home		
Year home was built:			Approximate heated area square footage		
Are all major appliances electric? (water heater/clothes dryer/range) <input type="checkbox"/> Yes <input type="checkbox"/> No					
Is the electric water heater <input type="checkbox"/> tank storage type <input type="checkbox"/> tankless "on-demand" type					
Please check the type(s) of electric heat in the residence: <input type="checkbox"/> heat pump <input type="checkbox"/> ductless heat pump <input type="checkbox"/> dual-fuel heat pump <input type="checkbox"/> electric furnace <input type="checkbox"/> radiant floor system <input type="checkbox"/> electric baseboard or ceiling cable <input type="checkbox"/> other _____					
Please check the type(s) of air conditioning in the residence. <input type="checkbox"/> heat pump(s) <input type="checkbox"/> ductless heat pump(s) <input type="checkbox"/> central air <input type="checkbox"/> window units					
Are there any non-electric energy sources used in the residence? <input type="checkbox"/> Yes <input type="checkbox"/> No					
If yes, please list the type(s) and what it's used for:     					

## General Requirements

- A. All energy required for all water heating, cooking, clothes drying, and primary environmental space conditioning, except that which may be provided by a supplemental, non-fossil, renewable fuel source such as solar or wind, must be supplied electrically and be permanently installed.
- B. Electric heat and water heating must be installed according to sound engineering practices in accordance with the manufacturer’s recommendations and applicable North Carolina energy code specifications.

Electric heat must be used to supply the primary heating requirements throughout the residence – primary meaning the main source of heat, supplying the majority of the residence’s heating requirements on an ongoing bases. Non-electric space heating sources (such as non-ducted wood stoves, gas logs, and portable kerosene heaters, etc.) are permitted only for supplemental use and are subject to approval.

Dual fuel heat pumps may qualify for this rate if all other rate requirements are met. An outdoor thermostat is required and must be set no higher than five degrees above the home’s calculated thermal balance point. (Above balance point, compressor only operates.)

- C. Electric heating capacity of 15 percent more than required may disqualify at the option of Blue Ridge Electric.
- D. Room type heating systems shall be controlled by individual room thermostats.

Residence meets general requirements:  Yes  No

## Energy Efficiency Requirements

All systems and associated components pertaining to the energy efficiency of the structure and environmental space conditioning must be installed in accordance with sound engineering practices and manufacturer recommendations and must comply with any applicable North Carolina energy code specifications.

Residence meets the energy efficiency requirements:  Yes  No

## Electric Water Heater Requirements

- A. Electric water heaters shall be installed and used to supply the entire water heating requirements except that which may be provided by a supplemental non-fossil fuel source such as solar or wind. Water heaters of the automatic insulated storage type shall not be less than 30-gallon capacity and may be equipped with only a lower element or with a lower element and an upper element.
- B. Storage type heaters having only a lower element may have wattages up to, but not exceeding, the specific wattages as shown below for various tank capacities:

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30-49	4,500
50 and larger	5,500

- C. Heaters having both a lower and an upper element may have wattages in each element up to, but not exceeding the specific wattages set forth in the table above for single element heaters, but must have interlocking thermostats to prevent simultaneous operation of the two elements. However, if the sum of the wattages of the two elements does not exceed the specific wattages for single element heaters set forth in the table above, no interlocking device will be required.

Residence meets the water heater requirements:  Yes  No

**As the member for the account referenced above, I certify that to the best of my knowledge the above information is correct and hereby make application for the Residential All-Electric (RE) rate. I understand and agree that the Cooperative reserves the right to inspect the residence for rate compliance.**

**Member’s Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_