

## RATE 6

RESIDENTIAL SERVICE  
ENERGY SAVER / CONSERVATION RATE

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## AVAILABILITY

This rate is available to customers using the Company's standard service which is specified as a single point of delivery per premises from an existing overhead distribution system to individually metered private residences and individually metered dwelling units in apartment structures or other multi-family residential structures. It is not available for resale service nor shall service be supplied to dwelling units having a total of more than ten rooms, five or more of which are rented or offered for rent to any person or persons not a member, or members, of the immediate family of the owner or lessor of the dwelling units.

A dwelling unit is defined as a room or group of rooms having, in addition to living quarters, kitchen facilities for the sole use of the family or individual occupying such dwelling unit.

For dwellings constructed within five years, the homeowner must provide the following:

- 1) Completion of a Builder Verification Form, or provide required documentation from items 2 - 6 below.
- 2) For new homes only - Proof that home meets the South Carolina-approved International Energy Conservation Code (IECC).
- 3) A detailed installation invoice from a licensed mechanical contractor showing the installed equipment for a new cooling system that meets the requirements as shown below.
- 4) Certification from builder stating that requirements have been met or an IECC certificate that verifies that the requirements below have been met.
- 5) AHRI Certificate to verify SEER2 ratings
- 6) Ceilings of homes shall be insulated with total (as installed) thermal resistance value of R-38. If sprayfoam insulation is used, need to provide an equivalency statement from the manufacturer or installer.

For dwellings older than five years, the builder or homeowner must provide the following:

- 1) For Existing homes only - receipts and/or photographs showing purchase and installation of insulation, equipment (to include ductwork) and other upgrades.
- 2) A detailed invoice showing the installed equipment by a licensed contractor for a new cooling system that meets the requirements as shown below.
- 3) AHRI Certificate to verify SEER2 ratings
- 4) For homes with an electric tank water heater manufactured prior to 2007 a photograph of an installed thermal water heater blanket/wrap or manufacturer's namplate.
- 5) Ceilings of homes shall be insulated with total (as installed) thermal resistance value of R-38. If sprayfoam insulation is used, need to provide an equivalency statement from the manufacturer or installer.
- 6) Chimney flues and fireplaces must have tight fitting dampers - must provide a photograph to verify.

The Company may perform an on-site audit to verify that customer meets availability requirements as stated herein.

## THERMAL AND AIR CONDITIONING REQUIREMENTS FOR ENERGY CONSERVATION

The following requirements are predicated on the South Carolina-approved IECC and subject to change with a change. Sufficient application of thermal control products and specified air conditioning requirements must be met to satisfy the minimum standards outlined below:

- Ceilings:** Ceilings of newly constructed homes shall be insulated with a total "as installed" thermal resistance (R) value of 38 (R-38).  
Ceilings of manufactured housing shall be insulated with a thermal resistance (R) value of 38 (R-38).  
Ceilings of existing housing shall be insulated with a total "as installed" thermal resistance (R) value of 38 (R-38).
- Lighting:** Recessed ceiling lights shall be sealed.
- Floors:** Floors over crawl space or crawl space walls shall have insulation installed having a total R value of 19 (R-19).  
100% of the exposed earth in a crawl space shall be covered with a vapor barrier of no less than (4) mills.
- Windows:** Windows shall be insulated (double) glass or have storm windows.
- Doors:** Doors exposed to full temperature differential (TD) must be weather-stripped on all sides and of solid construction.
- Ducts:** Air ducts located outside of conditioned space must have: 1) all joints properly fastened and sealed, and, 2) the duct shall have a minimum installed insulation R-value of 8.0. All joints in ductwork outside of the conditioned space must be permanently sealed with the application of duct sealant. Transverse joints, take-offs, transitions, supply/return connections to the air handler, boot connections to the floor/ceiling/wall, and framed-in and panned passages must be made airtight with duct sealant. There must be no unnecessary kinks, bends, or slack in flex ducts.
- Attic Access:** Attic accesses must be air sealed and insulated to at least R-19.
- Water Heaters:** Electric water heaters must have a Uniform Energy Factor (UEF) minimum of 0.93 or insulation surrounding the tank.
- Air Condition:** All cooling systems must have a SEER2 rating of 1.0 SEER2 higher (minimum of SEER2 16) than the current Energy Star Requirements.
- Other:** Chimney flues and fireplaces must have tight fitting dampers.

The "as installed" thermal resistance (R) value for all loose fill or blowing type insulation materials must be verifiable either by installed density using multiple weighted samples, the manufacturer's certification methods, Federal Trade Commission's procedures or other methods specified by local governing agencies.

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**CHARACTER OF SERVICE**

Alternating Current, 60 hertz, single phase, 120 volts, 2 wire or 120/240 volts 3 wire.

**RATE PER MONTH**

	<u>Summer</u> (Billing Month May-September)	<u>Winter</u> (Billing Month October-April)
<b>Basic Facilities Charge:</b>	\$ 0.36164 per day	\$ 0.36164 per day
<b>Plus Energy Charge:</b>		
First 800 kWh @	\$ 0.15333 per kWh	\$ 0.15333 per kWh
Excess over 800 kWh @	\$ 0.16842 per kWh	\$ 0.14729 per kWh

**MINIMUM CHARGE**

The monthly minimum charge shall be the basic facilities charge as stated above, and the Distributed Energy Resource Program charge, as stated below.

**ADJUSTMENT FOR FUEL, VARIABLE ENVIRONMENTAL & AVOIDED CAPACITY, AND DISTRIBUTED ENERGY RESOURCE COSTS**

Fuel costs of \$0.03949 per kWh are included in the energy charge and are subject to adjustment by order of the Public Service Commission of South Carolina. A charge of \$1.00 per account per month will be added to the charges above for the recovery of approved Distributed Energy Resource Program incremental costs.

**DEMAND SIDE MANAGEMENT COMPONENT**

The energy charges above include a DSM component of \$0.00278 per kWh for Demand Side Management expenses.

**PENSION COSTS COMPONENT**

The energy charges above include a Pension Costs component of \$0.00024 per kWh as approved by the Public Service Commission of South Carolina.

**STORM DAMAGE COMPONENT**

The energy charges above include a Storm Damage component of \$0.00032 per kWh for accumulation of a storm damage reserve.

**CAPITAL COST RIDER COMPONENT**

The above charges reflect the Capital Cost Component Rider adjustment as approved by the Public Service Commission of South Carolina.

**SALES AND FRANCHISE TAX**

To the above will be added any applicable sales tax, franchise fee or business license tax which may be assessed by any state or local governmental body.

**PAYMENT TERMS**

All bills are net and payable when rendered.

**SPECIAL PROVISIONS**

The Company will furnish service in accordance with its standard specifications. Non-standard service will be furnished only when the customer pays the difference in costs between non-standard service and standard service or pays to the Company its normal monthly facility charge based on such difference in costs.

**TERM OF CONTRACT**

Contracts shall be written for a period of not less than one (1) year. A separate contract shall be written for each meter at each location.

**GENERAL TERMS AND CONDITIONS**

The Company's General Terms and Conditions are incorporated by reference and are a part of this rate schedule.