



Schedule ERS21
Effective July 1, 2023
Replaces schedule effective 07/01/2022

RESIDENTIAL ELECTRIC SERVICE

AVAILABILITY

This service is available only to residential customers in residences, condominiums, mobile homes or individually metered apartments.

Charges are calculated as follows:

	All Year
Basic Facilities Charge	\$18.00
Energy Charges:	
All kWh	\$0.09339 per kWh

Applicable Renewable Energy Portfolio Standards (REPS) charges will be added as per the Renewable Energy Portfolio Standards (REPS) Charge schedule.

Any applicable North Carolina state or local sales tax will be added to the customer's total charges.



Schedule ELSMW
Effective July 1, 2023
 Replaces schedule effective 10/1/2016

SMALL GENERAL/INDUSTRIAL ELECTRIC SERVICE

AVAILABILITY

Electric Service under this rate is available to the non-residential customer with monthly demand of 100kW or less.

Charges are calculated as follows:

	Rate
Basic Facilities Charge	\$29.00
	All Year
Demand Charge:	
First 30 kW	No Charge
All kW Over 30	\$ 8.50
Energy Charge:	
First 3,000 kWh	\$0.12249 per kWh
All Over 3,000 kWh	\$0.07849 per kWh

Applicable Renewable Energy Portfolio Standards (REPS) charges will be added as per the Renewable Energy Portfolio Standards (REPS) Charge schedule.

Any applicable North Carolina state or local sales tax will be added to the customer's total charges.



Schedule EMLG1
Effective July 1, 2023
 Replaces schedule effective 7/1/2016

MEDIUM/ LARGE GENERAL ELECTRIC SERVICE

AVAILABILITY

Electric Service under this rate is available to the non-residential customer whose monthly demand exceeds 100 kW but less than 500 kW in any three months out of twelve consecutive monthly billing periods, including the current billing period.

Charges are calculated as follows:

	Rate
Basic Facilities Charge	\$100.00
	All Year
Demand Charge:	
All kW	\$8.59 per kW
Energy Charge:	
All kWh	\$0.06450 per kWh

Applicable Renewable Energy Portfolio Standards (REPS) charges will be added as per the Renewable Energy Portfolio Standards (REPS) Charge schedule.

Any applicable North Carolina state or local sales tax will be added to the customer's total charges.



Schedule EVLGG
Effective July 1, 2023
 Replaces schedule effective 10/1/2018

VERY LARGE GENERAL ELECTRIC SERVICE

AVAILABILITY

Electric Service under this rate is available to the non-residential customer whose monthly demand is 500 kW or greater in any three months out of twelve consecutive monthly billing periods, including the current billing period.

Charges are calculated as follows:

	Rate
Basic Facilities Charge	\$250.00
	All Year
Demand Charge:	
All kW	\$9.00 per kW
Energy charge:	
All kWh	\$0.05936 per kWh

Applicable Renewable Energy Portfolio Standards (REPS) charges will be added as per the Renewable Energy Portfolio Standards (REPS) Charge schedule.

Any applicable North Carolina state or local sales tax will be added to the customer's total charges.



Schedule ECPEAK & ECPK1
Effective October 1, 2016
Replaces schedule effective 7/1/2014

COINCIDENT PEAK ELECTRIC SERVICE

AVAILABILITY

Electric Service under this rate is available to new commercial or industrial loads which begin receiving service after July 1, 1998. The demand of the new load must equal or exceed 500 kW but be less than 3,000 kW during at least three months of a twelve-month period.

Service under this Schedule shall be used solely by the contracting customer in a single enterprise, located entirely on a single contiguous site or premises.

This Schedule is not available for auxiliary or breakdown service and power delivered hereunder shall not be used for resale or exchange or in parallel with other electric power, or as a substitute for power contracted for or which may be contracted for under any other schedule of the City, except at the option of the City, under special terms and conditions expressed in writing in the contract with the Customer.

The obligations of the City in regard to supplying power are dependent upon its securing and retaining all necessary rights-of-way, privileges, franchises, and permits for the delivery of such power, and the City shall not be liable to any customer or applicant for power in the event the City is delayed in, or is prevented from furnishing the power by its failure to secure and retain such rights-of-way, rights, privileges, franchises, and/or permits.

TYPE OF SERVICE

The City will furnish 60-Hertz service through one meter, at one delivery point, at one of the following approximate voltages where available:

- Single-phase, 120/240 volts; or
- 3 phase, 208Y/120 volts, 480Y/277 volts; or
- 3 phase, 3 wire, 240, 480, 575, or 2400 volts, or
- 3 phase 4160Y/2400, 12470Y/7200, or
- 3 phase voltages other than the foregoing, but only at the City's option, and provided that the size of the Customer's load and the duration of the Customer's contract warrants a substation solely to serve that Customer, and further provided that the Customer furnish suitable outdoor space on the premises to accommodate a ground-type transformer

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installation, or substation, or a transformer vault built in accordance with the City's specifications.

The type of service supplied will depend upon the voltage available at or near the Customer's location. Prospective customers should ascertain the available voltage by inquiry at the office of the City before purchasing equipment.

Motors of less than 5 HP may be single-phase. All motors of more than 5 HP must be equipped with starting compensators and all motors of more than 25 HP must be of the slip ring type except that the City reserves the right, when in its opinion the installation would not be detrimental to the service of the City, to permit other types of motors.

RATE

	Rate	
Basic Facilities Charge	\$500.00	\$500.00
Minimum Demand: 30kW		
	Summer (June-September)	Non-Summer (October-May)
Demand Charge:		
All kW	\$18.00	\$5.00
Excess Demand	\$3.50 per kW	\$3.50 per kW
Energy charge:		
On-Peak	\$0.05680 per kWh	\$0.04988 per kWh
Off-Peak	\$0.05038 per kWh	\$0.04543 per kWh

DEFINITION OF "MONTH"

The term "month" as used in the Schedule means the period intervening between meter readings for the purposes of monthly billing, such readings being taken once a month.

DETERMINATION OF BILLING DEMAND

Billing Demand shall be the average of the integrated clock hour kW demands measured during the hours of the On-Peak Period on the day identified as the Peak Management Day used by the North Carolina Municipal Power Agency Number 1 (NCMPA1) for wholesale billing purposes during the corresponding month of Customer's billing.

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On-Peak Periods:

On-peak periods are non-holiday weekdays during the following times:

June-September	2pm – 6pm
December-February	7am – 9am
All other months	7am – 9am and 2pm – 6pm

HOLIDAYS

The following days of each calendar year are considered holidays:

New Years Day	Labor Day
Good Friday	Thanksgiving Day and the Friday following
Memorial Day	Christmas Day
Independence Day	

In the event that any of the foregoing Holidays falls on a Saturday, the preceding Friday shall be deemed to be the Holiday. In the event any of the foregoing Holidays falls on a Sunday, the following Monday shall be deemed to be the Holiday.

PEAK MANAGEMENT DAYS

Peak Management Days are the days on which NCMPA1 notifies its Participants to activate their peak management programs during On-Peak periods. The Peak Management Day used to establish the city's wholesale billing demand is the one Peak Management Day during the month on which NCMPA1 experienced the greatest average load (determined as the average of NCMPA1's integrated hourly loads during the hours of the On-Peak Period).

EXCESS DEMAND

Excess demand shall be the difference between the maximum integrated clock hour kW demand recorded during the current billing month and the Billing Demand for the same billing month.

NOTIFICATION BY CITY

The City will use diligent efforts to provide advance notice to the Customer of Peak Management Days if requested. However, the City does not guarantee that advance notice will be provided. Notification by the City will be provided to the Customer by direct telephone communications or automatic signal, as mutually agreed. The Customer will hold the City harmless in connection with its response to notification.

DETERMINATION OF ENERGY

The kWh of energy shall be the sum of all energy used during the current billing month as indicated by watt-hour meter readings.

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ON-PEAK ENERGY

For billing purposes in any month, On-Peak Energy, in kWh, shall be the metered energy during the On-Peak Energy Period, whereby the On-Peak Energy Period is defined as non-holiday weekdays from 7:00 AM to 11:00 PM.

OFF-PEAK ENERGY

For billing purposes in any month, Off-Peak Energy, in kWh, shall be the metered total monthly energy less the amount of energy billed in that month under On-Peak Energy.

POWER FACTOR CORRECTION

When the average monthly power factor of the Customer's power requirements is less than 90 percent, the City may correct the integrated demand in kilowatts for that month by multiplying by 90 percent and dividing by the average power factor in percent for that month.

CONTRACT PERIOD

Each customer shall enter into a contract to purchase electricity from the City for a minimum original term of one (1) year, and thereafter from year to year upon the condition that either party can terminate the contract at the end of the original term, or at any time thereafter, by giving at least sixty (60) days prior notice of such termination in writing; but the City may require a contract for a longer original term of years where the requirement is justified by the circumstances.

Applicable Renewable Energy Portfolio Standards (REPS) charges will be added as per the Renewable Energy Portfolio Standards (REPS) Charge schedule.

North Carolina sales tax of 7% shall be added to the customer's total charges for each month, determined in accordance with the above electric rates.



Effective July 1, 2023
Replaces schedule effective 7/1/2022

RENEWABLE ENERGY PORTFOLIO STANDARDS (REPS) CHARGE

APPLICABILITY

The Renewable Energy Portfolio Standards Charge set forth in this Rider is applicable to all customer accounts receiving electric service from the City of Shelby (“City”), except as provided below. These charges are collected for the expressed purpose of enabling the City to meet its Renewable Energy Portfolio Standards compliance obligations as required by the North Carolina General Assembly in its Senate Bill 3 ratified on August 2, 2007.

BILLING

Monthly electric charges for each customer account computed under the City’s applicable electric rate schedule will be increased by an amount determined by the table below:

<u>Customer Type</u>	<u>Monthly Charges</u>		
	<u>Renewable Resources</u>	<u>DSM/Energy Efficiency</u>	<u>Total REPS Charge</u>
Residential Account	\$ 0.84	\$0.00	\$ 0.84
Commercial Account	\$ 4.58	\$0.00	\$ 4.58
Industrial Account	\$47.20	\$0.00	\$47.20

EXCEPTIONS

Industrial and Commercial Customer Opt-out

All industrial customers, regardless of size, and large commercial customers with usage greater than one million kWh’s per year can elect not to participate in City’s demand-side management and energy efficiency measures in favor of its own implemented demand-side management and energy efficiency measures by giving appropriate written notice to the City. In the event such customers “opt-out”, they are not subject to the DSM/Energy Efficiency portion of the charges above. All customers are subject to the Renewable Resources portion of the charges above.

Auxiliary Service Accounts

The following service schedules will not be considered accounts because of the low energy use associated with them and the near certainty that customers served under these schedules already will pay a per account charge under another residential, commercial or industrial service schedule:

- Outdoor Lighting Service (metered and unmetered)
- Street and Public Lighting Service
- Traffic Signal Service

Applicable North Carolina sales tax will be added to charges under this Rider.



Effective July 1, 2023
Replaces schedule effective 7/1/2022

ELECTRIC RATE RIDER RECR-1
Renewable Energy Credit Rider

AVAILABILITY

This optional rate rider is applicable to customers who had systems installed before July 1, 2023 on any City of Shelby (“City”) rate schedule who operate solar photovoltaic, wind powered, or biomass-fueled generating systems, with or without battery storage, located and utilized at the customer’s primary residence or business. To qualify for this rate rider, the customer must have complied with the City’s Interconnection Standards and have an approved Interconnection Request Form. As part of the Interconnection Request Form approval process, the City retains the right to limit the number and size of renewable energy generating systems installed on the City’s System. The generating system that is in parallel operation with service from the City and located on the customer’s premises must be manufactured, installed, and operated in accordance with all governmental and industry standards, in accordance with all requirements of the local code official, and fully conform with the City’s applicable renewable energy interconnection interface criteria. Qualified customers must be generating energy for purposes of a “buy-all/sell-all” arrangement to receive credits under this rate rider. That is, the City agrees to buy all and the customer agrees to sell all of the energy output and associated energy from the renewable energy resource. Customers with qualified systems may also apply for NC GreenPower credits or sell Renewable Energy Certificate (“REC”) credits.

All qualifying facilities have the option to sell energy to the City on an “as available” basis and receive energy credits based on the Variable Rates identified in this Rider for the delivered energy.

MONTHLY CREDIT

Avoided Cost Credit Rate** (\$ per kWh):

	<u>Variable</u>
On-Peak energy*	\$0.04041
Off-Peak energy	\$0.01366

* These energy credits include a capacity component.

**For generation equal to or less than 20 kW the on-peak energy avoided cost credit rate can be applied to all hours.

MONTHLY ENERGY

Monthly Energy shall be the total kWh of energy produced by the generating facility during the current calendar month. All energy produced by the Customer's renewable energy generating system must be delivered to the City, since the city does not offer net metering at this time.

ON-PEAK ENERGY

On-Peak Energy shall be the metered energy during the On-Peak Energy Period of the current calendar month, whereby the On-Peak Energy Period is defined as non-holiday weekdays from 7:00 AM to 11:00 PM EPT.

OFF-PEAK ENERGY

Off-Peak Energy shall be the Monthly Energy less the amount of energy billed as On-Peak Energy.

CONTRACT PERIOD

Prior to receiving service under this Rider, the City and the customer shall have entered either an Interconnection Agreement or executed a Certificate of Completion (inverter-based generators less than 20 kW) and a Power Purchase Agreement which covers the special terms and conditions for the customer's requirements related to the interconnection of the customer's renewable energy generating system.

Each of these agreements shall have a minimum term of one (1) year. Either party may terminate the agreements after one year by giving at least thirty (30) days previous notice of such termination in writing.

GENERAL

Service under this Rider is subject to the provisions of the Service Regulations of the City contained in the City of Shelby Terms of Conditions of Electric Service and Electric Service Regulations.

SPECIAL CONDITIONS

The customer's service shall be metered with two meters, one of which measures all energy provided by the City and used by the customer, and the other measures the amount of energy generated by the customer's renewable energy generator which is provided to the City.

In the event that the City determines that it is necessary to install any additional equipment to protect the safety and adequacy of electric service provided to other customers, the customer shall pay for the cost of such equipment in accordance with the terms of its Power Purchase Agreement.



**Schedule EDR
Effective December 1, 2021**

ECONOMIC DEVELOPMENT RIDER

APPLICABILITY

The Economic Development Rider is applicable to customer accounts receiving permanent electric service from the City of Shelby ("City"), after December 1, 2021, that meet the following criteria:

- 1) New commercial or industrial customers which enter into a service agreement with the city where the noncoincident peak demand of the new load must exceed 500 kW.
- 2) Existing commercial or industrial customers which enter into a new service agreement with the city for either a new or expanded separately metered service where the noncoincident peak demand of the new or expanded service load exceeds 500 kW.

This rider is available in conjunction with service under any of the City's applicable Commercial or Industrial rate schedules.

Any Customer desiring to receive service under this rider shall provide written notification to the City of such desire. Such notice shall provide the City with information concerning the load to be served. The Customer's information shall provide the basis to the City that the characteristics of the load will meet the minimum eligibility requirements of this rider and the electric rate schedule to which this rider applies.

The Discount Schedule applicable below will be based on the information provided by the customer in the written notification and agreed to by the city.

All terms and conditions of the electric rate schedule, whichever is applicable to the Customer, shall apply to service supplied to the Customer except as modified by this Rider.

MONTHLY CREDIT

The Customer will receive a Monthly Credit on the bill calculated on the then-effective electric rate, whichever is applicable to the Customer. The schedule of Monthly Credits will be calculated as described below under the heading "Application of Credit".

**Economic Development Rider
Schedule EDR
Effective December 1, 2021**

APPLICATION OF CREDIT

Beginning with the date on which service under the then-effective electric rate is to commence for the eligible load, a Monthly Credit based on the applicable discount schedule below will be applied to the total bill, including the Customer Charge, Demand Charges, Energy Charges, or Minimum Bill, excluding other applicable riders and special charges, if any.

Discount Period	Discount
Months 1-12	20%
Months 13-24	15%
Months 25-36	10%
Months 37-48	5%
After Month 48	0%

Contract Period

Customers receiving service under this rider will be subject to a ten-year contract period.