

CHAPTER VI. ELECTRIC

ARTICLE A. ELECTRIC SERVICE FEES

Section 1. Underground Electric Service Charges - Service Installed by City of Monroe.

New Residential Service	No Charge
Convert Existing Residential Overhead	Estimated Cost
New Commercial Service	No Charge
Convert Existing Commercial Overhead	Estimated Cost*

*Charge for this type of service will be the actual labor equipment and materials cost to the City of Monroe. Special consideration will be given to waive charges if determined that converting existing service will benefit the City of Monroe.

ARTICLE B. ELECTRIC RATES

LEGACY CUSTOMER LIGHTING SERVICE – SCHEDULE LL

AVAILABILITY. This schedule is available only to existing lighting customers. Service under the Legacy Customer Lighting Service will only be provided to facilities constructed in conformance with the City's specification, prior to November 9, 2022.

TYPE OF SERVICE. Legacy lighting units are being replaced by a new industry standard, Light Emitting Diodes (LED). LED lights are more energy efficient, brighter and more durable than legacy lights. Effective November 9, 2022, LED lights are the new standard of lighting for the City of Monroe. Legacy lighting units such as Mercury Vapor (MV), Metal Halide (MH) and High Pressure Sodium (HPS) are no longer available for new installations. Existing legacy lighting accounts that need to be serviced or replaced shall be replaced with equivalent LED units. The City of Monroe lighting service includes installation, maintenance, repair and the provision of electrical energy. Illumination for any lighting service provided by the City shall be from dusk to dawn. All items of material and equipment used to make the installation remain the property of the City.

Legacy Units*	Description: Power / Illumination / Energy	Rate Code	MONTHLY CHARGE
Area Light			
High Pressure Sodium Vapor (HPS)	100 Watts/9,500 Lumens/47 kWh	A04	\$13.55
	250 Watts/27,500 Lumens/104 kWh	A03	\$19.35
	250 Watts/27,500 Lumens/104 kWh – Mongoose Light	A18	\$28.46
	400 Watts Decorative/156 kWh	A15	\$34.37
Metal Halide Decorative Fixture (MH)	400 Watts/36,000 Lumens/156 kWh	A12	\$34.37
	400 Watts/50,000 Lumens/156 kWh – Mongoose Light	A19	\$34.37
	1,000 Watts/107,800 Lumens/250 kWh	A13	\$74.72
	100 Watts/9,500 Lumens/47 kWh	A17	\$17.65
Semi-enclosed Luminaire with Mercury Lamp	175 Watts/7,200 Lumens		\$13.66

Enclosed Luminaire with Mercury Lamp	175 Watts/7,200 Lumens/82 kWh		\$14.60
	400 Watts/21,000 Lumens		\$19.52
	1500 Watts		\$75.78
LED Fixture	213 Watts Input/17,679 Lumens/83 kWh	A16	\$37.25
Flood Light			
High Pressure Sodium Vapor (HPS)	250 Watts/27,500 Lumens/104 kWh	A10	\$28.46
	400 Watts/50,000 Lumens/156 kWh	A11	\$34.37
Metal Halide (MH)	400 Watts/34,000 Lumens/180 kWh	A08	\$34.37
	1,000 Watts/107,800 Lumens/250 kWh	A06	\$74.72

**Legacy Lighting Units Such as Mercury Vapor (MV), Metal Halide (MH) and High Pressure Sodium (HPS) are no longer available for new installations. Existing legacy lighting accounts that need to be serviced or replaced shall be replaced with equivalent LED units.*

Pole Material	Description: Size and features	Rate Code	MONTHLY CHARGE
Steel	Standard	FCS	\$21.79
Aluminum	Black Smoother Fluted Finish / 14 ft	FCA	\$16.75
Fiberglass	Decorative / Over 20 ft.	FCF	\$8.41
Fiberglass	Decorative / 20 ft. and under	FCU	\$4.80
Aluminum	Black Smart Trac Pole, embedded / 17ft	FCE	\$19.04
Wood	Standard / Up to 35 ft.	FCW	No Charge

**Only available for City of Monroe Downtown area and other Facilities.*

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

Effective for service as determined on and after July 1st, 2025

RESIDENTIAL CUSTOMER LIGHTING SERVICE – SCHEDULE RL

AVAILABILITY. This schedule is available only to any individual Residential consumer. Service will only be provided to facilities constructed in conformance with the City's specifications.

TYPE OF SERVICE. Light Emitting Diode (LED) lights are the new standard of lighting for the City of Monroe. LED lights are more energy efficient, brighter and more durable than legacy lights. See table below for specific LED units available. The City of Monroe lighting service includes installation, maintenance, repair and the provision of electrical energy. Illumination for any lighting service provided by the City shall be from dusk to dawn. Standard installation includes the lighting unit on an existing pole. If the lighting request requires the installation of new pole(s) a revenue analysis will be performed to determine the contribution in aid amount required from the customer. The revenue analysis will be per the electric service policy. All items of material and equipment used to make the installation remain the property of the City of Monroe.

MONTHLY RATE.

Light Emitting Diode (LED) Unit	Description: Power / Illumination / Energy	Rate Code	MONTHLY CHARGE
Area Light	50 Watts/6,485 Lumens/18.3 kWh	A25	\$13.55
Flood Light	180 Watts/25,883 Lumens/65.7 kWh	A31	\$28.46

Pole Material	Description: Size and features	Rate Code	MONTHLY CHARGE
Wood	New / Standard / Up to 35 ft.	NWP	\$10.50
Wood ¹	Existing / Standard / Up to 35 ft.	EWP	No Charge

1- The existing wood pole rate is applicable to installations, including pole, prior to July 1st 2025. After this date, the existing wood pole rate is available only for light fixtures attached to poles which are not installed solely to support the light fixture.

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

Effective for service as determined on and after July 1st, 2025

COMMERCIAL/INDUSTRIAL CUSTOMER LIGHTING SERVICE – SCHEDULE CIL

AVAILABILITY. This schedule is available only to any individual Commercial/Industrial consumer. Service will only be provided to facilities constructed in conformance with the City's specifications.

TYPE OF SERVICE. Light Emitting Diode (LED) lights are the new standard of lighting for the City of Monroe. LED lights are more energy efficient, brighter and more durable than legacy lights. See below for specific units. The City of Monroe lighting service includes installation, maintenance, repair and the provision of electrical energy. Illumination for any lighting service provided by the City shall be from dusk to dawn. Standard installation includes the lighting unit on an existing pole. If the lighting request requires the installation of new pole(s) a revenue analysis will be performed to determine the contribution in aid amount required from the customer. The revenue analysis will be per the electric service policy. All items of material and equipment used to make the installation remain the property of the City of Monroe.

All items of material and equipment used to make the installation remain the property of the City.

MONTHLY RATE

Light Emitting Diode (LED) Unit	Description: Power / Illumination / Energy	Rate Code	MONTHLY CHARGE
Area Light	50 Watts / 6,485 Lumens / 18.3 kWh	A25	\$13.55
Flood Light	180 Watts / 25,883 Lumens / 65.7 kWh	A31	\$28.46
	322 Watts / 46,802 Lumens / 117.5 kWh	A26	\$74.72
Parking/Street Lights	234 Watts / 30,161 Lumens / 85.4 kWh	A32	\$34.37
	200 Watts / 28,896 Lumens / 73.0 kWh	A36	\$37.25
	94 Watts / 11,664 Lumens / 34.3 kWh	A23	\$19.35
	40 Watts / 5,541 Lumens / 14.6 kWh	A24	\$13.55
	234 Watts / 30,616 Lumens / 85.4 kWh	A39	\$34.37
	151 Watts / 19,667 Lumens / 55.1 kWh	A38	\$28.46
Decorative Light	54 Watts / 6,559 Lumens / 19.7 kWh	A37	\$17.65
Decorative Light*	80 Watts / 9,210 Lumens / 29.2 kWh	A40	\$17.15

*Only available for City of Monroe Downtown area and other Facilities.

Pole Material	Description: Size and features	Rate Code	MONTHLY CHARGE
Aluminum	Standard / 20 ft. and under	APU	\$18.03
Aluminum	Standard / Over 20 ft.	APO	\$27.84
Aluminum*	Smart Trac / 20 ft. and under	STU	\$27.83
Aluminum*	Smart Trac / Over 20 ft.	STO	\$47.81
Fiberglass	Decorative / 20 ft. and under	FPU	\$14.56
Fiberglass	Decorative / Over 20 ft.	FPO	\$15.40
Steel	Standard	SP	\$23.31
Wood	New / Standard / Up to 35 ft.	NWP	\$10.50
Wood ¹	Existing / Standard / Up to 35 ft.	EWP	No Charge

*Only available for City of Monroe Downtown area and other Facilities.

1-The existing wood pole rate is applicable to installations, including pole, prior to July 1st 2025. After this date, the existing wood pole rate is available only for light fixtures attached to poles which are not installed solely to support the light fixture.

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

Effective for service as determined on and after July 1st, 2025

COMMERCIAL TIME OF USE SERVICE – SCHEDULE CTOU

AVAILABILITY. This rate schedule is available non-residential electric customers within the territory served by the City with a demand less than 500 Kw. The obligations of the City in regard to supplying electric service are dependent upon its securing and retaining all necessary rights-of-way, privileges and permits for the delivery of such service. The City shall not be liable to any customer or applicant for electric service in the event it is delayed in, or is prevented from, furnishing the electric service by its failure to secure and retain such rights-of-way, privileges and permits. If contract for service is made after July 1, 2006, then demand of the new load must not exceed 20,000 kW.

Once a qualified Customer elects service under this Rate Schedule, service will be provided under the terms and conditions of this Rate Schedule for a term extending through the following June 30. A Customer may, subject to the consent of the City, elect to discontinue service under this Rate Schedule and receive service under another applicable Rate Schedule by giving written notice to the City prior to March 1 of any year. Proper notice having been provided and written consent received from the City, the Customer shall discontinue service under this Rate Schedule effective the first July 1 following the notice.

APPLICABILITY. This rate schedule is applicable to non-domestic customers who operate twenty-four hours a day, seven days a week. Power delivered under this rate schedule 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 rate schedule of the City, except at the option of the City.

CHARACTER OF SERVICE. Service under this rate schedule shall be 60 Hertz through one meter, at one delivery point, at one of the approximate voltages:

- Single-phase, 120/240 volts;
- Three-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts;
- Three-phase voltages other than these listed may be available at the option of the City.

Where three-phase service is not available, it may be extended to the customer's premises at the City's discretion. The customer may be required to participate in the expense of extending such service. Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensatory. Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation

SPECIAL CONDITIONS. Before wiring any premises or purchasing equipment for same, the customer shall give the City notice in writing of the location of the building, together with a list of electrical devices to be used thereon, and shall ascertain in the character of service available at such premises. The City shall specify the voltage and type of electrical service to be furnished as well as the location of the meter and the point where the service connections shall be made.

MONTHLY RATE

Basic Customer Charge	\$60.00
Demand Charge	
On-Peak Demand Charge per Month	\$17.25 per kW
Economy Demand Charge per Month	\$2.50 per kW
Energy Charge	
All On-Peak Energy per Month	\$0.07214 per kWh
All Off-Peak Energy per Month	\$0.04774 per kWh

SALES TAX. Any applicable sales tax will be added to the monthly bill as determined above.

Schedule CTOU

Page 2

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

	<u>Summer Months (May – September)</u>	<u>Winter Months (October – April)</u>
On-Peak Period Hours	1:00 p.m. - 7:00 p.m. Monday – Friday	7:00 a.m. - 10:00 a.m. Monday – Friday
Off-Peak Period Hours	All other weekday hours and all Saturday and Sunday hours	

DEFINITION OF MONTH. The term “month” as used in this rate schedule means the period intervening between meter readings for the purpose of monthly billings. Readings are taken each month at intervals of approximately thirty days.

CONTRACT DEMAND. The City will require contracts to specify the maximum demand to be delivered to the customer, which shall be the Contract Demand. Where the customer can restrict on-peak demand to levels considerably below that of the Contract Demand, the City may also contract for a limited On-Peak Contract Demand in addition to the Contract Demand.

DETERMINATION OF BILLING DEMAND

- A. The On-Peak Billing Demand each month shall be the maximum integrated thirty minute demand during the on-peak period during the month for which the bill is rendered.
- B. The Economy Demand shall be the difference between the off-peak and on-peak integrated thirty-minute demands.

MINIMUM CHARGE. The minimum charge shall be the bill calculated on the rate above including the Basic Customer Charge, Demand Charge and Energy Charge. If the customer’s measured demand exceeds the Contract Demand, the City may at any time establish the minimum based on the maximum integrated demand in the previous twelve months including the month for which the bill is rendered.

POWER FACTOR CORRECTION. Where the power factor of the Consumer’s installation is less than 85%, the City may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

SERVICE CONTRACT. Application and contract in writing shall be required which, when accepted by the City, shall constitute the contract between the customer and the City. No promises, agreements, statements of representations of any agent or employee of the City shall be of any binding force or effect unless the same be incorporated in writing in such contract. The contract shall not be transferable or assignable, without written consent of the City. The original term of this contract shall be one 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 days previous 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 circumstance.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

COORDINATED PEAK DEMAND – SCHEDULE CP

AVAILABILITY. This schedule is available only to commercial or industrial consumers for service supplied to the individual establishment purchasing all of its power requirements from the City and whose monthly demand exceeds 600 kW or whose energy usage is at least equivalent to a 600 kW demand with a 40% load factor, and for whom facilities are installed to coordinate reduction of power requirements on the City's electrical system during system peak periods. If contract for service is made after July 1, 2006, then demand of the new load must equal or exceed 600 kW, but not exceed 20,000 kW.

Once a qualified Customer elects service under this Rate Schedule, service will be provided under the terms and conditions of this Rate Schedule for a term extending through the following June 30. A Customer may, subject to the consent of the City, elect to discontinue service under this Rate Schedule and receive service under another applicable Rate Schedule by giving written notice to the City prior to March 1 of any year. Proper notice having been provided and written consent received from the City, the Customer shall discontinue service under this Rate Schedule effective the first July 1 following the notice.

TYPE OF SERVICE. The City will furnish 60 cycle service through one meter, at one delivery point, at one of the following voltages.

- Three Phase 208/120 4-wire Grounded Wye connected circuit
- Three Phase 480/277 4-wire Grounded Wye connected circuit
- Three Phase 7.6 13.2 or 19.9/34.5 kV, 4-wire Grounded Wye connected circuit. (Prospective consumers should ascertain the available type of service by inquiry at the City Hall before purchasing equipment).

Motors in excess of 5 HP must be three phase; however, all motors must be of a type approved by the City and the City may require devices to control the motor starting current.

Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation.

MONTHLY RATE

A.	Basic Customer Charge	\$500.00
B.	Demand Charge	
	Annual Coincident Peak Demand-All kW	\$1.50 per kW
	Excess Demand	\$2.45 per kW
	Monthly Coincident Peak Demand	
	June through September	\$19.75 per kW
	October through May	\$11.15 per kW
C.	Energy Charge	
	June-September On-Peak Energy	\$0.06668 per kwh
	Off-Peak Energy	\$0.04118 per kwh
	October-May: On-Peak Energy	\$0.05568 per kwh
	Off-Peak Energy	\$0.03538 per kwh

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DEMAND BILLING QUANTITIES. Coincident Peak Billing Demand shall be the average kW demand measured

Schedule CP

Page 2

in the on peak period used by the North Carolina Municipal Power Agency Number 1 for wholesale billing purposes during the corresponding month of Customer's billing. Excess Demand shall be the highest 30-minute demand recorded during the current billing month, less the Monthly Coincident Peak Demand for the current billing month. The Annual Coincident Peak Demand shall be the customer's average kW demand measured in the on peak period used by the North Carolina Municipal Power Agency Number 1 to determine the City of Monroe's Annual Peak Demand.

ON-PEAK ENERGY For billing purposes in any month the on-peak energy shall be the metered energy during the On-Peak Energy Period, whereby the On-Peak Energy Period is defined as weekdays from 7:00 AM to 11:00 PM EPT.

OFF-PEAK ENERGY For billing purposes in any month the off-peak energy shall be the total energy metered for the month less the on-peak energy.

NOTIFICATION BY CITY. The City will use diligent efforts to predict each monthly system peak and notify the Customer in advance; however, the City is not able to guarantee an accurate prediction, and 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.

POWER FACTOR CORRECTION. Where the power factor of the Consumer's installation is less than 85%, the City may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor.

EXTRA FACILITIES. The City will furnish and install facilities not normally required for service under this rate schedule upon reimbursement by the Customer or agreement from the Customer to pay a facilities charge of 1.7% of the total installed cost per month. Customer will pay a facilities charge of 1.7% of the total installed cost of special demand metering required by this schedule. This special demand metering requires that a telephone circuit be provided for each meter for remote meter reading via modem. This telephone circuit can be provided by the Customer or by the City, subject to a facilities charge.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

COORDINATED PEAK DEMAND RATE-NEW CONSTRUCTION – SCHEDULE CPNC

AVAILABILITY. This rate is available only to commercial or industrial loads resulting from new construction which begin receiving service after August 1, 2004 and before June 1, 2014. This service is not available to existing buildings or premises that have had electric service from the City prior to August 1, 2004. The demand of the new load must equal or exceed 250 kW during at least three months of a twelve-month period. If contract for service is made after July 1, 2006, then demand of the new load must equal or exceed 250 kW during at least three months of a twelve-month period, but not exceed 20,000 kW. 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, 13200Y/7620, or 34500Y/19920 volts.

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.

MONTHLY RATE

A.	Basic Customer Charge	\$500.00
B.	Demand Charge	
	Annual Coincident Peak Demand-All kW	\$0.75 per kW
	Excess Demand (all months)	\$2.35 per kW
	Monthly Billing Demand	
	Summer (June through September)	\$18.37 per kW
	Winter (October through May)	\$10.37 per kW
C.	Energy Charges	
	June-September: On-Peak Energy	\$0.06379 per kWh
	Off-Peak energy	\$0.03829 per kWh
	October-May On-Peak Energy	\$0.05279 per kWh
	Off-Peak Energy	\$0.03249 per kWh

Schedule – CPNC

Page 2

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

On-Peak 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.

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

June-September	2 p.m. – 6 p.m.
December-February	7 a.m. – 9 a.m.
All other months	7 a.m. – 9 a.m. and 2 p.m. – 6 p.m.

Holidays: The following days of each calendar year are considered holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday following Thanksgiving Day, and Christmas 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.

ON-PEAK ENERGY- For billing purposes in any month the on-peak energy shall be the metered energy during the On-Peak Energy Period, whereby the On-Peak Energy Period is defined as weekdays from 7:00 AM to 11:00 PM EST.

OFF-PEAK ENERGY- For billing purposes in any month the off-peak energy shall be the total energy metered for the month less the on-peak energy.

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 watts-hour meter readings.

POWER FACTOR CORRECTION- Where the power factor of the Consumer's installation is less than 85%, the City may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor.

Schedule – CPNC

Page 3

SALES TAX- Applicable North Carolina sales tax shall be added to the customer's total charges for each month, determined in accordance with the above electric rates.

PURCHASED POWER ADJUSTMENT- The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

INDUSTRIAL COORDINATED PEAK DEMAND – SCHEDULE ICP

AVAILABILITY. This schedule is available only to industrial consumers for service supplied to the individual establishment purchasing all of its power requirements from the City and whose monthly demand exceeds 1000 kW, and for whom facilities are installed to coordinate reduction of power requirements on the City's electrical system during system peak periods. If contract for service is made after July 1, 2006, then demand of the new load must equal or exceed 1000 kW, but not exceed 20,000 kW.

Once a qualified Customer elects service under this Rate Schedule, service will be provided under the terms and conditions of this Rate Schedule for a term extending through the following June 30. A Customer may, subject to the consent of the City, elect to discontinue service under this Rate Schedule and receive service under another applicable Rate Schedule by giving written notice to the City prior to March 1 of any year. Proper notice having been provided and written consent received from the City, the Customer shall discontinue service under this Rate Schedule effective the first July 1 following the notice.

TYPE OF SERVICE. The City will furnish 60 cycle service through one meter, at one delivery point, at one of the following voltages.

- Three Phase 208/120 4-wire Grounded Wye connected circuit
- Three Phase 480/277 4-wire Grounded Wye connected circuit
- Three Phase 7.6 13.2 or 19.9/34.5 kV, 4-wire Grounded Wye connected circuit. (Prospective consumers should ascertain the available type of service by inquiry at the City Hall before purchasing equipment).

Motors in excess of 5 HP must be three phase; however, all motors must be of a type approved by the City and the City may require devices to control the motor starting current. Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation.

MONTHLY RATE

A.	Basic Customer Charge	\$500.00
B.	Demand Charge	
	Annual Coincident Peak Demand-All kW	\$1.50 per kW
	Excess Demand	\$2.35 per kW
	Monthly Coincident Peak Demand	
	June through September	\$19.75 per kW
	October through May	\$11.15 per kW
C.	Energy Charge	
	June-September On-Peak Energy	\$0.06330 per kWh
	Off-Peak Energy	\$0.03960 per kWh
	October-May On-Peak Energy)	\$0.05250 per kWh
	Off-Peak Energy	\$0.03350 per kWh

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DEMAND BILLING QUANTITIES. Coincident Peak Billing Demand shall be the average kW demand measured in the on peak period used by the North Carolina Municipal Power Agency Number 1 for wholesale billing purposes during the corresponding month of Customer's billing. Excess Demand shall be the highest 30-minute demand recorded during the current billing month, less the Monthly Coincident Peak Demand for the current

Schedule ICP

Page 2

billing month. The Annual Coincident Peak Demand shall be the customer's average kW demand measured in the on peak period used by the North Carolina Municipal Power Agency Number 1 to determine the City of Monroe's Annual Peak Demand.

ON-PEAK ENERGY- For billing purposes in any month the on-peak energy shall be the metered energy during the On-Peak Energy Period, whereby the On-Peak Energy Period is defined as weekdays from 7:00 AM to 11:00 PM EPT.

OFF-PEAK ENERGY- For billing purposes in any month the off-peak energy shall be the total energy metered for the month less the on-peak energy.

NOTIFICATION BY CITY- The City will use diligent efforts to predict each monthly system peak and notify the Customer in advance; however, the City is not able to guarantee an accurate prediction, and 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.

POWER FACTOR CORRECTION- Where the power factor of the Consumer's installation is less than 85%, the City may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor.

EXTRA FACILITIES- The City will furnish and install facilities not normally required for service under this rate schedule upon reimbursement by the Customer or agreement from the Customer to pay a facilities charge of 1.7% of the total installed cost per month. Customer will pay a facilities charge of 1.7% of the total installed cost of special demand metering required by this schedule. This special demand metering requires that a telephone circuit be provided for each meter for remote meter reading via modem. This telephone circuit can be provided by the Customer or by the City, subject to a facilities charge.

SERVICE REGULATIONS- The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD- The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

INDUSTRIAL SERVICE – SCHEDULE IND

AVAILABILITY. This schedule is available only to industrial consumers for manufacturing processes and other power service supplied to the individual industrial establishment purchasing all of its power requirements from the City and having a demand greater than 1,000 kW. If contract for service is made after July 1, 2006, then demand of the new load must equal or exceed 1000 kW, but not exceed 20,000 kW.

TYPE OF SERVICE. The City will furnish 60 cycle service through one meter, at one delivery point, at one of the following voltages.

- Three Phase 208/120 4-wire Grounded Wye connected circuit
- Three Phase 480/277 4-wire Grounded Wye connected circuit
- Three Phase 7.6/13.2 or 19.9/34.5 kW, 4-wire Grounded Wye connected circuit. (Prospective consumers should ascertain the available type of service by inquiry at the City Hall before purchasing equipment).

Motors in excess of 5 HP must be three phase; however, all motors must be of a type approved by the City and the City may require devices to control the motor starting current. Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation.

MONTHLY RATE

A.	Basic Customer Charge	\$500.00
B.	Demand Charge	
	First 50 kW	\$10.25 per kW
	Over 50 kW	\$10.25 per kW
C.	Energy Charge	
	First 100 kWh/kW	
	First 150,000 kWh	\$0.06974 per kWh
	Over 150,000 kWh	\$0.06394 per kWh
	Next 200 kWh/kW	\$0.05864 per kWh
	Over 300 kWh/kW	\$0.05524 per kWh

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DETERMINATION OF BILLING DEMAND. The Billing Demand shall be the highest 30-minute demand recorded during the current billing month.

POWER FACTOR CORRECTION. Where the power factor of the consumer's installation is less than 85%, the city may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

LARGE COMMERCIAL TIME OF USE SERVICE – SCHEDULE LCTOU

AVAILABILITY. This rate schedule is available non-residential electric customers within the territory served by the City with a demand of 500 Kw or greater. The obligations of the City in regard to supplying electric service are dependent upon its securing and retaining all necessary rights-of-way, privileges and permits for the delivery of such service. The City shall not be liable to any customer or applicant for electric service in the event it is delayed in, or is prevented from, furnishing the electric service by its failure to secure and retain such rights-of-way, privileges and permits. If contract for service is made after July 1, 2006, then demand of the new load must not exceed 20,000 kW.

Once a qualified Customer elects service under this Rate Schedule, service will be provided under the terms and conditions of this Rate Schedule for a term extending through the following June 30. A Customer may, subject to the consent of the City, elect to discontinue service under this Rate Schedule and receive service under another applicable Rate Schedule by giving written notice to the City prior to March 1 of any year. Proper notice having been provided and written consent received from the City, the Customer shall discontinue service under this Rate Schedule effective the first July 1 following the notice.

APPLICABILITY. This rate schedule is applicable to non-domestic customers who operate twenty-four hours a day, seven days a week. Power delivered under this rate schedule 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 rate schedule of the City, except at the option of the City.

CHARACTER OF SERVICE. Service under this rate schedule shall be 60 Hertz through one meter, at one delivery point, at one of the approximate voltages:

- Single-phase, 120/240 volts;
- Three-phase, 208Y/120 volts, 460Y/265 volts, 480Y/277 volts;
- Three-phase voltages other than these listed may be available at the option of the City.

Where three-phase service is not available, it may be extended to the customer's premises at the City's discretion. The customer may be required to participate in the expense of extending such service. Motors of less than 5 H.P. may be single-phase. All motors of more than 5 H.P. must be equipped with starting compensatory. Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation

SPECIAL CONDITIONS. Before wiring any premises or purchasing equipment for same, the customer shall give the City notice in writing of the location of the building, together with a list of electrical devices to be used thereon, and shall ascertain in the character of service available at such premises. The City shall specify the voltage and type of electrical service to be furnished as well as the location of the meter and the point where the service connections shall be made.

MONTHLY RATE

Basic Customer Charge	\$300.00
Demand Charge	
On-Peak Demand Charge per Month	\$16.70 per kW
Economy Demand Charge per Month	\$2.50 per kW
Energy Charge	
All On-Peak Energy per Month	\$0.06832 per kWh
All Off-Peak Energy per Month	\$0.04612 per kWh

SALES TAX. Any applicable sales tax will be added to the monthly bill as determined above.

Schedule LCTOU

Page 2

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

	<u>Summer Months (May – September)</u>	<u>Winter Months (October – April)</u>
On-Peak Period Hours	1:00 p.m. - 10:00 p.m. Monday – Friday	7:00 a.m. - 1:00 p.m. Monday – Friday
Off-Peak Period Hours	All other weekday hours and all Saturday and Sunday hours	

DEFINITION OF MONTH. The term “month” as used in this rate schedule means the period intervening between meter readings for the purpose of monthly billings. Readings are taken each month at intervals of approximately thirty days.

CONTRACT DEMAND. The City will require contracts to specify the maximum demand to be delivered to the customer, which shall be the Contract Demand. Where the customer can restrict on-peak demand to levels considerably below that of the Contract Demand, the City may also contract for a limited On-Peak Contract Demand in addition to the Contract Demand.

DETERMINATION OF BILLING DEMAND

- A. The On-Peak Billing Demand each month shall be the maximum integrated thirty minute demand during the on-peak period during the month for which the bill is rendered.
- B. The Economy Demand shall be the difference between the off-peak and on-peak integrated thirty-minute demands.

MINIMUM CHARGE. The minimum charge shall be the bill calculated on the rate above including the Basic Customer Charge, Demand Charge and Energy Charge. If the customer’s measured demand exceeds the Contract Demand, the City may at any time establish the minimum based on the maximum integrated demand in the previous twelve months including the month for which the bill is rendered.

POWER FACTOR CORRECTION. Where the power factor of the Consumer’s installation is less than 85%, the City may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

SERVICE CONTRACT. Application and contract in writing shall be required which, when accepted by the City, shall constitute the contract between the customer and the City. No promises, agreements, statements of representations of any agent or employee of the City shall be of any binding force or effect unless the same be incorporated in writing in such contract. The contract shall not be transferable or assignable, without written consent of the City. The original term of this contract shall be one 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 days’ previous 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 circumstance.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

LARGE GENERAL SERVICE – SCHEDULE LG

AVAILABILITY. This schedule is available only to commercial or industrial consumers for service supplied to an individual store, commercial, or industrial establishment purchasing all of its power requirements from the City and having a demand equal to or greater than 30 kW but less than 100 kW within the last 12 consecutive months. Service will only be provided to facilities constructed in conformance with the City's specifications.

TYPE OF SERVICE. The City will furnish 60 cycle service through one meter, at one delivery point, at one of the following voltages.

- Single Phase 120/240
- Three Phase 208/120 4-wire Grounded Wye connected circuit
- Three Phase 480/277 4-wire Grounded Wye connected circuit
- Three Phase 7.6/13.2 or 19.9/34.5 kW, 4-wire Grounded Wye connected circuit. (Prospective consumers should ascertain the available type of service by inquiry at the City Hall before purchasing equipment).

Motors in excess of 5 HP must be three phase; however, all motors must be of a type approved by the City and the City may require devices to control the motor starting current. Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation.

MONTHLY RATE

A.	Basic Customer Charge	\$95.00
B.	Demand Charge	
	First 30 kW	\$4.50 per kW
	Over 30 kW	\$6.75 per kW
C.	Energy Charge	
	First 100 kWh/kW	\$0.08829 per kWh
	Next 200 kWh/kW	\$0.07319 per kWh
	Over 300 kWh/kW	\$0.06259 per kWh

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DETERMINATION OF BILLING DEMAND. The Billing Demand shall be the highest 30-minute demand recorded during the current billing month.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

LARGE INDUSTRIAL COORDINATED PEAK DEMAND RATE-NEW CONSTRUCTION SCHEDULE LICPNC

AVAILABILITY. This rate is available only to new industrial loads which contract for service after July 1, 2005 and before June 1, 2014. This service is not available to existing buildings or premises that have had electric service from the City prior to July 1, 2005. The demand of the new load must equal or exceed 5,000 kW during at least three months of a twelve-month period and have a load factor of 60% or greater. If contract for service is made after July 1, 2006, then demand of the new load must equal or exceed 5,000 kW during at least three months of a twelve-month period, but not exceed 20,000 kW, and have a load factor of 60% or greater. 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 4160Y/2400 volts, 13200Y/7620 volts, 34500Y/19920 volts, 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 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.

MONTHLY RATE

A. Basic Customer Charge	\$500.00
B. Demand Charge	
Annual Coincident Peak Demand-All kW	\$1.50 per kW
Excess Demand (all months)	\$2.35 per kW
Monthly Billing Demand	
Summer (June – September)	\$19.75 per kW
Winter (October – May)	\$11.15 per kW

Schedule – LICPNC

Page 2

MONTHLY RATE (Continued)

C. Energy Charges

June-September

On-Peak Energy	\$0.06264 per kWh
Off-Peak Energy	\$0.03894 per kWh

October-May

On-Peak Energy	\$0.05184 per kWh
Off-Peak Energy	\$0.03284 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

On-Peak 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.

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

June-September	2:00 p.m. – 6:00 p.m.
December-February	7:00 a.m. – 9:00 a.m.
All other months	7:00 a.m. – 9:00 a.m. and 2:00 p.m. – 6:00 p.m.

Excess Demand: Excess demand shall be the highest 30-minute demand recorded during the current billing month, less the Monthly Coincident Peak Demand for the current billing month.

Holidays: The following days of each calendar year are considered holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday following Thanksgiving Day, and Christmas 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).

ON-PEAK ENERGY- For billing purposes in any month the on-peak energy shall be the metered energy during the On-Peak Energy Period, whereby the On-Peak Energy Period is defined as weekdays from 7:00 AM to 11:00 PM EPT.

OFF-PEAK ENERGY- For billing purposes in any month the off-peak energy shall be the total energy metered for the month less the on-peak energy.

Schedule – LICPNC

Page 3

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 watts-hour meter readings.

POWER FACTOR CORRECTION. Where the power factor of the Consumer's installation is less than 85%, the City may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor.

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.

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

PURCHASED POWER ADJUSTMENT The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

LARGE POWER SERVICE – SCHEDULE LP

AVAILABILITY. This schedule is available only to commercial or industrial consumers for service supplied to an individual store, commercial, or industrial establishment purchasing all of its power requirements from the City and having a demand equal to or greater than 500 kW within the last 12 consecutive months. Service will only be provided to facilities constructed in conformance with the City's specifications.

TYPE OF SERVICE. The City will furnish 60-cycle service through one meter, at one delivery point, at one of the following voltages.

- Single Phase 120/240
- Three Phase 208/120 4-wire Grounded Wye connected circuit
- Three Phase 480/277 4-wire Grounded Wye connected circuit
- Three Phase 7.6/13.2 or 19.9/34.5 kW, 4-wire Grounded Wye connected circuit. (Prospective consumers should ascertain the available type of service by inquiry at the City Hall before purchasing equipment).

Motors in excess of 5 HP must be three phase; however, all motors must be of a type approved by the City and the City may require devices to control the motor starting current. Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation.

MONTHLY RATE

A.	Basic Customer Charge	\$300.00
B.	Demand Charge	
	First 50 kW	\$9.75 per Kw
	Over 50 kW	\$9.75 per Kw
C.	Energy Charge	
	First 100 kWh/kW	\$0.06621 per kWh
	Next 200 kWh/kW	\$0.05871 per kWh
	Over 300 kWh/kW	\$0.05191 per kWh

SALES TAX. Current North Carolina utility sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DETERMINATION OF BILLING DEMAND. The Billing Demand shall be the highest 30-minute demand recorded during the current billing month.

POWER FACTOR CORRECTION. Where the power factor of the consumer's installation is less than 85%, the city may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

MEDIUM POWER SERVICE – SCHEDULE MP

AVAILABILITY. This schedule is available only to commercial or industrial consumers for service supplied to an individual store, commercial, or industrial establishment purchasing all of its power requirements from the City and having a demand equal to or greater than 100 kW and less than 500 kW within the last 12 consecutive months. Service will only be provided to facilities constructed in conformance with the City’s specifications.

TYPE OF SERVICE. The City will furnish 60-cycle service through one meter, at one delivery point at one of the following voltages.

- Single Phase 120/240
- Three Phase 208/120 4-wire Grounded Wye connected circuit
- Three Phase 480/277 4-wire Grounded Wye connected circuit
- Three Phase 7.6/13.2 or 19.9/34.5 kW, 4-wire Grounded Wye connected circuit. (Prospective consumers should ascertain the available type of service by inquiry at the City Hall before purchasing equipment).

Motors in excess of 5 HP must be three phase; however, all motors must be of a type approved by the City and the City may require devices to control the motor starting current. Customers receiving Three Phase service shall provide Three Phase protection. The City will not be liable for single phasing of any installation.

MONTHLY RATE

A.	Basic Customer Charge	\$180.00
B.	Demand Charge	
	First 50 kW	\$8.75 per kW
	Over 50 kW	\$8.75 per kW
C.	Energy Charge	
	First 100 kWh/kW	\$0.07468 per kWh
	Next 200 kWh/kW	\$0.06388 per kWh
	Over 300 kWh/kW	\$0.05618 per kWh

SALES TAX. Current North Carolina utility sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DETERMINATION OF BILLING DEMAND. The Billing Demand shall be the highest 30-minute demand recorded during the current billing month.

POWER FACTOR CORRECTION. Where the power factor of the consumer’s installation is less than 85%, the city may correct kWh consumption for the month by multiplying by .85 and dividing by the actual power factor

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

RESIDENTIAL TIME OF USE SERVICE – SCHEDULE RTOU

AVAILABILITY. This rate schedule is available to all residential customers within the territory served by the City. The obligations of the City in regard to supplying electric service are dependent upon its securing and retaining all necessary rights-of-way, privileges and permits for the delivery of such service. The City shall not be liable to any customer or applicant for electric service in the event it is delayed in, or is prevented from, furnishing the electric service by its failure to secure and retain such rights-of-way, privileges and permits.

APPLICABILITY. This rate schedule is applicable to all electric service exclusively for domestic purposes to individual (single-family) private residences, condominiums, mobile homes, individually metered apartment units and farm homes. This rate schedule is not applicable to businesses, licensed boarding or rooming houses, fraternity or sorority houses advertised as such, educational institutions or facilities, or apartment houses if served by a single meter. Standby or resale service is not permitted under this rate schedule.

CHARACTER OF SERVICE. Service under this rate schedule shall be alternating current, 60 Hertz, single phase, at the City's option of standard available voltages

MONTHLY RATE

Basic Customer Charge	\$18.80
Energy Charge	
All On-Peak Energy per Month	\$0.14975 per kWh
All Off-Peak Energy per Month	\$0.04905 per kWh

SALES TAX. Any applicable sales tax will be added to the monthly bill as determined above.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

	<u>Summer Months (May – September)</u>	<u>Winter Months (October – April)</u>
On-Peak Period Hours	7:00 a.m. - 11:00 p.m. Monday – Friday	7:00 a.m. - 11:00 p.m. Monday – Friday
Off-Peak Period Hours	All other weekday hours and all Saturday and Sunday hours	

MINIMUM CHARGE. The minimum monthly charge shall be the Basic Customer Charge.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

RESIDENTIAL SERVICE – SCHEDULE R

AVAILABILITY. This schedule is available only to residential customers in residences, condominiums, mobile homes, or individually metered apartments. Service will only be provided to facilities constructed in conformance with the City’s specifications.

TYPE OF SERVICE. The City will furnish 60 cycle service through one meter, at one delivery point, at the following approximate voltage:

- Single Phase 120/240

MONTHLY RATE

A.	Basic Customer Charge	\$14.00
B.	Energy Charge	
	First 300 kWh	\$0.10590 per kWh
	Next 700 kWh	\$0.09880 per kWh
	Over 1,000 kWh	\$0.09880 per kWh

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

SMALL COMMERCIAL SERVICE – SCHEDULE SC

AVAILABILITY. This schedule is available only to commercial consumers for service supplied to an individual store or commercial establishment purchasing all of its power requirements from the City and having a demand less than 30 kW within the last 12 consecutive months. Service will only be provided to facilities constructed in conformance with the City’s specifications.

TYPE OF SERVICE. The City will furnish 60-cycle service through one meter, at one delivery point, at one of the following voltages:

- Single Phase 120/240 or
- Three Phase 208/120 or 480/277 volts from a 4 wire Wye connected circuit. (Prospective consumers should ascertain the available type of service by inquiry at the City Hall before purchasing equipment).

Motors in excess of 5 HP must be three phase; however, all motors must be of a type approved by the City and the City may require devices to control the motor starting current. Customers receiving 3-phase service shall provide 3-phase protection. The City will not be liable for single phasing of any installation.

MONTHLY RATE

A.	Basic Customer Charge	\$26.00
B.	Energy Charge	
	First 1,250 kWh	\$0.12241 per kWh
	Next 1,750 kWh	\$0.10171 per kWh
	Over 3,000 kWh	\$0.08411 per kWh

SALES TAX. Current North Carolina utility sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

TRAFFIC SIGNAL SERVICE – SCHEDULE TS

AVAILABILITY. This schedule is available only to local governments and authorities for traffic signal and control service. Service will only be provided to facilities constructed in conformance with the City's specifications.

TYPE OF SERVICE. The City will furnish 60 cycle service through one meter, at one delivery point, at single phase 120/240 volts.

MONTHLY RATE

- | | | |
|----|-----------------------|-------------------|
| A. | Basic Customer Charge | \$10.50 |
| B. | Energy Charge | |
| | All kWh | \$0.08023 per kWh |

SALES TAX. Current North Carolina utilities sales tax shall be added to the above charges.

PURCHASED POWER ADJUSTMENT. The current Purchased Power Adjustment Rate Rider PP-1 shall apply to all service provided under this schedule.

SERVICE REGULATIONS. The applicable provisions of the current Service Regulations are made a part of this Schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

ARTICLE C. ELECTRIC RATE RIDERS

PP-1 PURCHASED POWER ADJUSTMENT RIDER

The proposed electric rate rider listed below is to adjust the individual electric rates tariffs by the increase in the wholesale price of purchase power.

AVAILABILITY: This rate rider applicable to all City of Monroe Electric Service Schedules.

BILLING. The monthly bill computed under all the City's Electric Service Schedules will be increased or decreased by an amount equal to the result of multiplying the kwh used in the current billing cycle by the purchased power adjustment factor. The purchased power adjustment factor shall be calculated so that any projected over or under collection of purchased power costs would be returned or collected through these charges within the following 12 months projected energy sales. The purchased power adjustment factor shall be calculated and approved by the City Council as frequently as deemed necessary but at a minimum shall be calculated and approved at least once per fiscal year.

PURCHASED POWER ADJUSTMENT FACTOR.

Purchased Power Adjustment \$0.00/kwh

Renewable Energy Portfolio Standard: The current Renewable Energy Portfolio Standard Rate Rider REPS shall apply to all service provided under this schedule.

Effective for service as determined by meter readings on and after July 1, 2024.

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 Monroe ("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.

MONTHLY RATE:

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:

	Monthly Rates		
	Renewable	DSM/Energy	Total REPS
<u>DEFINITIONS:</u>	<u>Efficiency</u>	<u>Charge</u>	
Residential Account	\$ 0.87	\$ 0.00	\$ 0.87
Commercial Account	\$ 4.72	\$ 0.00	\$ 4.72
Industrial Account	\$48.67	\$ 0.00	\$48.67

ELIGIBILITY REQUIREMENTS:

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:

- Schedule LL – Legacy Lighting Service
- Schedule RL – Residential Lighting Service
- Schedule CIL – Commercial Industrial Lighting Service
- Schedule TS – Traffic Signal Service

SALES TAX: Current North Carolina utilities sales tax shall be added to the above charges.

Effective for service rendered after July 1, 2025.

NC GREENPOWER PROGRAM – RIDER GP-1

AVAILABILITY. This Rider is available on a voluntary basis in conjunction with any of the Municipality's Schedules for Customer who contracts with Municipality for a block or blocks of electricity produced from Renewable Resources provided through the statewide NC GreenPower Program. The maximum number of customers participating under this Rider shall be determined by the maximum number of blocks of electricity available through the NC GreenPower Program. This Rider is not for temporary service or for resale service. The provisions of the Schedule with which this Rider is used are modified only as shown herein.

MONTHLY RATE. In addition to all other charges stated in the Monthly Rate of the Schedule with which this Rider is used, the following charge shall also apply to each block Customer purchases:

\$4 per block

This Rider's Monthly Rate shall be applied to Customer's billing regardless of Customer's actual monthly kilowatts-hour consumption. Customer may change the number of monthly blocks purchased once during each year unless otherwise authorized by Municipality.

DEFINITIONS.

1. Block of Electricity: A block of electricity is equal to 100 kWh.
2. Renewable Resources: For purposes of this tariff, Renewable Resources are those renewable resources included in the NC GreenPower Program, which include such renewable resources as solar, wind, small hydro, and biomass placed in service after January 1, 2001 and used to generate electricity delivered to the electric grid in North Carolina.

SPECIAL CONDITIONS. The actual amount of electricity provided by Renewable Resources under this Rider to the statewide electricity grid in North Carolina during any specific month may vary from the number of blocks customers have purchased. However, a true-up of the delivery of the blocks to the purchase of blocks shall be completed within two years of the purchase. The electricity purchased from the Renewable Resources may not be specifically delivered to Customer, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to customers within the State of North Carolina. This electricity shall be provided to the electricity grid.

DISTRIBUTION OF RIDER FUNDS. Charges under this Rider will be used to offset the higher cost of producing, purchasing, and/or acquiring the Renewable Resources. The funds collected from customers under this Rider will be distributed as follows:

1. To the North Carolina Advanced Energy Corporation, hereafter called "NCAEC", a nonprofit corporation, for the operational and administrative costs of the NCAEC necessary to administer and promote the statewide NC GreenPower Program, and
2. To the NCAEC who will provide incremental payments to the generators of the Renewable Resources selected by the NCAEC for the participation in the NC GreenPower Program.

NC GreenPower Program - Rider GP-1

Page 2

CONTRACT PERIOD. Customer or Municipality may terminate service under this Rider by giving the other party at least thirty (30) days prior notice.

GENERAL. Service rendered under this Rider is subject to the provisions of the most current Municipality's Customer Service Policies, as adopted by its Governing Board. Circumstances and/or actions which may cause the Municipality to terminate the availability of this Rider include but are not limited to: the retail supply of electric generation is deregulated; Municipality's participation in the statewide NC GreenPower Program is terminated; the statewide NC GreenPower Program is terminated; or other regulatory and/or legislative action which supersedes or contravenes the Rider or the NC GreenPower Program.

Effective for bills rendered on and after September 7, 2004.

NC GREENPOWER PROGRAM – RENEWABLE RIDER REN-1

AVAILABILITY. This Rider is available on a voluntary basis in conjunction with any of Municipality's Schedules for Customer who contracts with Municipality for a block or blocks of electricity produced from Renewable Resources provided through the statewide NC GreenPower Program. The maximum number of customers participating under this Rider shall be determined by the maximum number of blocks of electricity available through the NC GreenPower Program. This Rider is not available for temporary, for resale service, or for Customer purchases of less than 100 blocks of electricity under this Rider. Further, Customer's average monthly electric consumption must be equal or greater to 10,000 kWh. The provisions of the Schedule with which this Rider is used are modified only as shown herein.

MONTHLY RATE. In addition to all other charges stated in the Monthly Rate of the Schedule with which this Rider is used, the following charge shall also apply to each block Customer purchases:

\$2.50 per block

The minimum monthly charge shall be a charge for 100 blocks of electricity. This Rider's Monthly Rate shall be applied to Customer's billing regardless of Customer's actual monthly kilowatts-hour consumption.

DEFINITIONS.

1. Block of Electricity: A block of electricity is equal to 100 kWh.
2. Renewable Resources: For purposes of this tariff, Renewable Resources are those renewable resources included in the NC GreenPower Program used to generate electricity delivered to the electric grid in North Carolina, which include such renewable resources as solar, wind, small hydro and biomass.

SPECIAL CONDITIONS. The actual amount of electricity provided by Renewable Resources under this Rider to the statewide electricity grid in North Carolina during any specific month may vary from the number of blocks customers have purchased. However, a true-up of the delivery of the blocks to the purchase of blocks shall be completed within two years of the purchase. The electricity purchased from the Renewable Resources may not be specifically delivered to Customer, but will displace electricity that would have otherwise been produced from traditional generating facilities for delivery to customers within the State of North Carolina. This electricity shall be provided to the electricity grid.

DISTRIBUTION OF RIDER FUNDS. Charges under this Rider will be used to offset the higher cost of producing, purchasing, and/or acquiring the Renewable Resources. The funds collected from customers served under this Rider will be distributed as follows:

1. To the North Carolina Advanced Energy Corporation, hereafter called "NCAEC", a nonprofit corporation, for the operational and administrative costs of the NCAEC necessary to administer and promote the statewide NC GreenPower Program, and
2. To the NCAEC who will provide incremental payments to the generators of the Renewable Resources selected by the NCAEC for the participation in the NC GreenPower Program.

NC GreenPower Program - Renewable Rider REN-1
Page 2

CONTRACT PERIOD. The Contract Period under this Rider shall be for one (1) year. After the initial period, Customer or Municipality may terminate service under this Rider by giving the other party at least thirty (30) days previous written notice.

GENERAL. Service rendered under this Rider is subject to the provisions of the most current Municipality's Customer Service Policies, as adopted by its Governing Board. Circumstances and/or actions which may cause the Municipality to terminate the availability of this Rider include but are not limited to: the retail supply of electric generation is deregulated; Municipality's participation in the statewide NC GreenPower Program is terminated; the statewide NC GreenPower Program is terminated; or other regulatory and/or legislative action which supersedes or contravenes the Rider or the NC GreenPower Program.

Effective for bills rendered on and after September 7, 2004.

RIDER LM-1 FOR LARGE COMMERCIAL ELECTRIC CUSTOMERS WITH NON-PARALLEL GENERATION

AVAILABILITY. This electric rate rider is available to City of Monroe electric customers:

- 1) Using the any Commercial or Industrial rate, except Schedule CP or Schedule ICP, and
- 2) Which have a stand-by or emergency generator for non-parallel operation with a capacity of 45 kilowattss or greater.

The customer agrees to actively participate in the Load Management Program of the City of Monroe. The provisions and rates of the applicable rate schedule are modified only as shown herein. This rider is not available for short-term or temporary service, nor is it available for customers on other rate schedules of the City of Monroe.

Billing Credit. A billing credit will be applied to the monthly bill for customer-generated power as follows:
 $\text{Billing Credit} = \text{Generated Power} \times \text{Demand Charge Rate}.$

Definition of Terms.

- 1) Demand Charge Rate: \$7.96 per kW June through September.
- 2) Generated Power: The average amount of power (in kilowattss) generated by the customer during the on peak period of the given month.
- 3) Monthly Coincident Peak: The on peak period during each June through September which determines the monthly billing demand of the City of Monroe under the appropriate all-requirements rate schedule of its wholesale power supplier – North Carolina Municipal Power Agency #1.

Eligibility Requirements and Restrictions

- 1) In order to receive the billing credit, the customer must operate its generation equipment during the monthly coincident on peak period as requested by the City.
- 2) If the City of Monroe does not notify the customer of the load management period or if the customer does not operate his generator the on peak period of a given month there will be no billing credit.
- 3) Because the monthly coincident on peak period cannot be determined until the month is over, the credit on any given monthly bill will be the credit earned during the preceding month.
- 4) The City of Monroe will contact the customer by telephone or other means to notify the customer of time and length of load management periods. The City will attempt to provide as much prior notice as possible.
- 5) The customer assumes all costs associated directly or indirectly with the operation of the generator(s) and all other customer owned facilities used in conjunction with this program. The customer assumes all costs associated with any modifications required to its facilities in order to participate in this program.
- 6) The generated power used in determining the billing credit cannot exceed the customer's billing demand.

Rider LM-1
Page 2

Contract Period. The contract period shall be on a month to month basis and shall continue until either party gives the other thirty (30) days' notice.

Metering. The City will install and own at a mutually agreed upon point all metering and recording equipment to determine the customer's generator output during the monthly coincident peak. The City's representatives shall have reasonable right of ingress and egress to the customer's property at any time for the purpose of reading, inspecting, or servicing these metering facilities. If required, the customer will provide the City a 120 V, 60 HZ single phase 15 AMP service for this metering facility.

Effective for service rendered on and after July 1, 2010.

WH-1 WATER HEATER REBATE FOR RESIDENTIAL/BUSINESS CUSTOMERS

AVAILABILITY. This rate rider is available to all City of Monroe electric customers receiving or applying for permanent electric service under any applicable rate schedule.

ELIGIBILITY REQUIREMENTS. A \$150 rebate will be paid to the City of Monroe electric customers installing an electric water heater. The rebate is available to a customer installing an electric water heater:

- 1) In a new dwelling/business; or
- 2) To replace an existing water heater. (Existing water natural gas, propane, fuel oil, etc.)

In addition, the following standards must be met:

- 1) The hot water heater will be at least a 30-gallon tank. There is no limit to the maximum size.
- 2) Each water heater should have a load management switch attached; this however, is not required if the switch cannot physically be installed or if the City is not currently providing an electric water heater load control program.
- 3) The customer will choose the plumbing contractor of their choice to install the new water heater. All future service requirements can be arranged with that contractor or any other of the customer's choice.
- 4) The customer should expect to pay the contractor the fair market price for installation costs. The City will inspect the final installation.
- 5) Since the water heater remains the customer's property, all future service is at the customer's expense. The City makes no guarantee, express or implied, about the quality of the water heater or its installation.
- 6) The manufacturer, not the City, guarantees the tank against leakage and defects.
- 7) After the customer has the water heater installed, a representative from the City will inspect the installation of the water heater (and attach a switch, if necessary). The customer will use a paid receipt to apply for his rebate on an existing dwelling. A visual inspection of any new home will serve as verification.
- 8) The water heater rebate will be \$150 per unit installed with no maximum number of units to customer/builder/developer. The water heater may cost less than \$150.

Request for Proposal (RFP) for Energy Efficiency Programs Commercial/Industrial Customers

AVAILABILITY This rate rider is available to all City of Monroe retail commercial and industrial customers receiving or applying for permanent electric service under Commercial/Industrial rate schedule.

APPLICABILITY This program is available to all retail commercial and industrial customers, served by City of Monroe. Customers that choose to undertake energy efficiency project as a result of the financial incentives awarded through this RFP process will benefit from the reduced electricity consumption and associated power bills from City of Monroe. All projects will be reviewed and ranked by the City of Monroe, NCMPA1 Staff and its consultants. The highest-ranking proposals in all NCMPA1's Member Cities will be first, until available funds are depleted.

- 1) Participation is open to any commercial, industrial or institutional electric customer of City of Monroe with a peak annual billing demand of at least 250 kW.
- 2) All proposed projects must be located at facilities that are receiving electric service from the City of Monroe.
- 3) A qualifying customer must specify the amount of incentive required to implement the project. Funding of the incentives is intended to cover a portion, but not all, of the cost of an energy efficiency project.
- 4) Projects may be submitted in partnership with an equipment vendor, consultant, contractor or other third party service provider.
- 5) Energy efficiency projects that produce, in the aggregate, savings of 100,000 kWh (or more) per year will receive preference.
- 6) All kWh savings provided by an energy efficiency project must be produced in a manner that will allow City of Monroe to measure, verify and apply the savings toward its REPS compliance obligations under the provisions of Senate Bill 3.
- 7) It is acceptable to aggregate energy efficiency measures at multiple facilities (all of which must receive electric service from the City of Monroe) so long as the facilities are owned by the same parent company and operated by the same corporate management.
- 8) All projects will be reviewed and ranked by City of Monroe, NCMPA1 staff and its consultants. The highest ranking proposals in all NCMPA1's Member Cities will be funded first until available funds are gone.
- 9) Eligible energy efficiency projects must provide savings that are measurable and verifiable any may be related to projects that include, but are not limited to, high efficiency lighting, refrigeration and HVAC systems; improved building envelopes; energy management systems; variable speed drives on motors; and measures that are unique to a customer's business or physical process.

Rider RFP

Page 2

10) Measure that are not eligible include new construction projects, used or rebuilt equipment, non-cogeneration power production applications such as standby generation, fuel switching and repair/maintenance projects.

Contract Period Eligibility is limited to projects that are undertaken and installed during the calendar year period January 1, 2009 through December 31, 2009.

Effective after March 24, 2009

RHP RESIDENTIAL HIGH EFFICIENCY HEAT PUMP REBATE PROGRAM

AVAILABILITY. This rate rider is available to all City of Monroe electric customers receiving or applying for permanent electric service under residential rate schedule.

ELIGIBILITY REQUIREMENTS. A rebate will be paid to the City of Monroe residential electric customers installing an energy efficiency heat pump. The minimum Seasonal Energy Efficiency Ratio (SEER) of 15 and minimum size of 1 ton, up to maximum of 5 tons. Rebates will be paid for the following qualifying installations:

- 1) **In a new installation.** For new installations (new construction), the rebate is \$400 for air source heat pumps 15 – 17+ SEER.
- 2) **To replace an existing heating/air conditioning system.** (Existing heating air-conditioning system can be any energy source, i.e., electric, natural gas, propane, fuel oil, etc.). For replacing an existing heating/air conditioning system, the rebate is \$300 for air source heat pumps 15 – 16.9 SEER and \$400 for air source heat pumps of 17+ SEER.
- 3) For installation of **new or replacing an existing Geothermal Heat Pumps**, the rebate will be \$500.

In addition, the following standards must be met:

- 1) The heat pump will have at least 15 SEER rating. There is no maximum to the SEER rating.
- 2) The heat pump must be residentially sized (five tons and under, minimum size of 1 ton), but may be installed in any type of dwelling.
- 3) The customer will choose the HVAC contractor of their choice to install the new heat pump. All future service requirements can be arranged with that contractor or any other of the customer's choice.
- 4) The customer should expect to pay the contractor the fair market price for the purchase and installation costs. The City will verify the unit (s) qualifies per the rebate program.
- 5) Since the heat pump remains the customer's property, all future service is at the customer's expense. The city makes no guarantee, express or implied, about the quality of the heat pump or its installation.
- 6) The manufacturer, not the city, guarantees the customer's heat pump against defects.
- 7) After the customer has the heat pump installed, a representative from the city will inspect the installation of the heat pump. The customer will use a paid receipt to apply for his heat pump on an existing dwelling. A visual inspection of any new home will serve as verification.
- 8) The heat pump rebate will be per unit installed with no maximum number of units to a customer/builder/developer. The program is subject to continued annual approval.
- 9) A customer may be denied rebate under these and other conditions determined by the city:
 - a. Incomplete rebate application,
 - b. No copy of dated sales invoice included with application,
 - c. Manufacturer documentation of efficiency ratings is not correct or unavailable.

The city will list on the application form any reason a rebate is denied.

Effective July 1, 2019.

Commercial Solar Thermal Rebate for Energy Efficiency Programs Commercial/Industrial Customers

AVAILABILITY. Commercial customers whose electric service is provided by the City of Monroe are eligible to receive a rebate in the amount of \$700 per certified solar thermal panel (typically 4 ft. x 10 ft. each) purchased and installed after January 1, 2009.

ELIGIBILITY REQUIREMENTS. The purpose of the Commercial Solar Thermal Rebate program is to promote the use of solar technology and help commercial and industrial customers minimize hot water costs by investing in a solar thermal energy system.

- Must be located at facilities that are receiving electric service from the City of Monroe.
- Purchase and install solar thermal panel (converting sunlight to hot water), typically 4 ft. x 10 ft. each.
- Solar thermal panels are less expensive, quicker payback.
- Potential Commercial/Industrial Customers for Solar Thermal:
Customers with a large cafeteria, need hot water for processes, restaurants, laundry, Hotels with laundry facilities and any customer with large hot water needs.
- For commercial and industrial customers only.
- Projects installed after January 1, 2009.
- **Contractor/Installer Requirements:**
 1. Must provide contractor license numbers
 - a) Board certified plumbing contractor's license
 - b) Board certified electrical contractors license
 - c) Board certified plumbing, heating, and fire sprinkler license
 2. Must provide references for at least two solar thermal jobs of at least 64 square feet of solar panel area; or
 3. Verify they have passed the North American Board of Certified Energy Practitioners test or provide letter from NABCEP showing they are qualified to sit for the test.

Must satisfy requirement 1 and either requirement 2 or 3 above.

- **Equipment certification:**
 1. Collectors must meet the standards of the national SSRC* (Solar Ratings and Certification Corporation), a third party, ANSI approved testing agent for solar thermal collectors.

*SRCC certification is required for NC solar tax credit eligibility.

Commercial Solar Thermal Rebate – Rider
Page 2

- **Equipment/System Warranties**

1. Registered contractor to warranty the system, including labor, to the customer for 12 months.
2. Solar collectors to have a warranty for at least 5 years.

- One page Application Checklist attached to Vendor Proposal.
Customer submits signed application (application available on www.ncpublicpower.com website) checklist to ElectriCities to be attached to vendor proposal.

Vendor proposal must include:

- Project scope, schedule, costs, savings, assumptions
- Contractor Certifications/licenses
- Equipment certifications and warranties

- Upon acceptance of application by ElectriCities, project may move forward with the understanding that if project is installed, that a \$700 per panel rebate will be paid.

Effective July 21, 2009

Energy Star™ Home Rebate Program Energy Efficiency Programs Residential Customers

AVAILABILITY. The purpose of the Energy Star™ Home Rebate Program Energy is to promote the use of EPA's Energy Star building practices in the construction of new residential homes through a rebate incentive; upon final certification by an independent Home Energy Rater (HERS)

ELIGIBILITY REQUIREMENTS. Single-family residential homes constructed after January 1, 2009 and whose electric service is provided by the City of Monroe is eligible for the Energy Star™ Home Rebate.

- Must be an electric customer of the City of Monroe;
- Construction after January 1, 2009;
- Homeowners and builders;
- \$500 will be paid to homeowners for customer homes and builders for speculation homes;
- Rebates are offered on a first-come, first-served basis as funding is available each fiscal year;
- Qualifying residential electric customers that have a certified Home Energy Rater (HERS) qualify their home as Energy Star rated;
- Certified HERS rater can be found on www.natresnet.org. Raters must belong to Energy and Environment Rating Alliance. All HERS raters listed on this website are certified rater members.
- Customer must fill out application;
- Provide copy of Energy Star Certificate;
- Provide copy of Thermal Bypass Inspection Checklist.

Program Criteria:

Builders can choose from a variety of energy efficiency features to meet Energy Star™ performance guidelines:

Effective Insulation – properly installed and inspected insulation in floors, walls, and attics.

Tight Construction and Ducts – advanced techniques for sealing holes and cracks in the home's "envelop" and cooling ducts.

Energy Star TM Home Rebate
Page 2

Efficient Heating and Cooling Equipment – energy-efficient heating and cooling systems can be quieter, reduce indoor humidity, and improve overall comfort.

High Performance Windows – energy-efficient windows employ advanced technologies, such as protective coatings and improved frame assemblies, to help reduce drafts into the house.

Third-Party Testing – an independent Home Energy Rate conducts onsite inspections and testing to verify the energy efficiency measures.

Optional Features – qualified homes may also be equipped with Energy Star TM qualified products such as lighting fixtures, compact fluorescent bulbs, ventilation fans, appliances and washing machines.

Qualifying Energy Star TM homes will be paid \$500.00.

Effective July 21, 2009.

RENEWABLE ENERGY CREDIT RATE RIDER Electric Rate Rider RECR-1

AVAILABILITY

This rate rider is available to customers on any City of Monroe (“City”) rate schedule who operate solar photovoltaic generating system, 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 obtain an approved Interconnection Request Form and an approved Purchase Power Agreement. 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 an inflow/outflow arrangement to receive credits under this rate rider. That is, the City agrees to buy energy delivered to the utility and the customer agrees to sell their energy output and associated energy from the renewable energy resource. Customers with qualified systems may also apply for NC GreenPower credits or North Carolina Municipal Power Agency 1 (“NCMPA1”) Renewable Energy Certificate (“REC”) credits.

Qualified customers must be generating energy for purposes of a “net billing” arrangement to receive credits under this rate rider.

MONTHLY CREDIT

Solar arrays below 20kW of installed capacity (DC) – Applicable to Rate (R) and (SC)*

- The customer will be billed according to their retail rate schedule on metered electricity delivered to the customer with the following modifications:
 - Additional metering costs \$2.43/month
- Credited 6.18 cents per kWh for energy delivered by the customers to the City.

Solar arrays between 20kW – 100kW (DC) – Not Applicable to Rate (R)**

- The customers will be billed according to their retail rate schedule on metered electricity delivered to the customer with an additional meter charge of \$2.43/month and credited at a fixed amount at the rates listed below:
 - On-Peak Energy \$0.0583
 - Off-Peak Energy \$0.0311

Solar arrays between 100kW – 500kW (DC) – Not Applicable to Rate (R) and (SC)**

- The customers will be billed according to their retail rate schedule on metered electricity delivered to the customer with an additional meter charge of \$2.43/month and credited at a fixed amount at the rates listed below:
 - On-Peak Energy \$0.0374
 - Off-Peak Energy \$0.0311

For larger facilities contact the electric department.

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

*** These energy credits include a capacity component.*

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 EST.

Effective September 14, 2022

ECONOMIC DEVELOPMENT RIDER - Electric Rate Rider EDR1

AVAILABILITY

This rider is available only to new commercial or industrial loads which begin receiving service after July 1, 2014 and is available in conjunction with service under any of the City's commercial or industrial electric rate schedules. The demand of the new load must equal or exceed 125 kW during at least three months of a twelve-month period.

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 and the Customer's facilities and shall provide the basis that the characteristics of the load will meet the minimum eligibility requirements of the electric rate schedule to which this rider applies.

All terms and conditions of the electric rate schedule 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".

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 following schedule will be applied to the total bill, including Basic Facilities Charge, Demand Charges, Energy Charges, Purchased Power Adjustment, or Minimum Bill, excluding other applicable riders and special charges, if any.

<u>PERIOD</u>	<u>DISCOUNT</u>
Months 1-12	30%
Months 13-24	25%
Months 25-36	20%
Months 37-48	10%
Months 49-60	5%
After Month 60	0%

CONTRACT PERIOD

Prior to receiving service under this rider the Customer must complete a service agreement to purchase electricity from the City. Either party can terminate the contract at the end of the original term upon sixty days' prior written notice.

EFFECTIVE DATE

The rider shall be effective for qualifying customers receiving permanent electrical service after July 1, 2014.

Effective July 1, 2014.