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November 29, 2018

VIA ELECTRONIC FILING

Ms. M. Lynn Jarvis, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4300

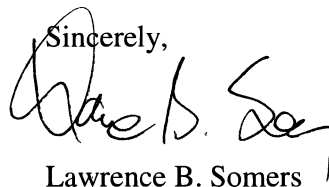
**RE: Duke Energy Progress, LLC's Compliance Tariffs
Docket Nos. E-2, Subs 1142, 1173, 1175, 1176 and 1188**

Dear Ms. Jarvis:

Pursuant to the North Carolina Utilities Commission's ("Commission") Rule R8-25(a) and recent orders approving rate adjustments, enclosed are Duke Energy Progress, LLC's compliance tariffs that have been revised to reflect approved changes in rates, effective for service rendered on and after December 1, 2018. The revised rates include five adjustments: (1) revised fuel and fuel deficiency rates pursuant to the Commission's November 8, 2018 order in Docket No. E-2, Sub 1173; (2) revised Renewable Energy and Energy Efficiency Portfolio Standard rates pursuant to the Commission's November 8, 2018 order in Docket No. E-2, Sub 1175; (3) revised Joint Agency Asset rates pursuant to the Commission's November 8, 2018 order in Docket No. E-2, Sub 1176; (4) expiration of the coal inventory rider pursuant to the Commission's February 23, 2018 order in Docket No. E-2, Sub 1142; and (5) the reduction in the federal corporate income tax rate to 21% pursuant to the Commission's November 26, 2018 order in Docket Nos. E-2, Sub 1188 and M-100, Sub 148.

The compliance tariffs include approved changes to existing tariffs, the expiration of one tariff, and correction of the misuse of "premise" with "premises." Thank you for your attention to this matter. If you have any questions, please let me know.

Sincerely,



Lawrence B. Somers

Enclosures

cc: Parties of Record

OFFICIAL COPY

Nov 29 2018

RESIDENTIAL SERVICE
SCHEDULE RES-51

AVAILABILITY

This Schedule is available when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm's products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons.

Service under this Schedule is not available for processing (or handling) for market of farm products produced by others; for separately metered domestic or farm operations; for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); for commercial or industrial purposes; for other uses not specifically provided for by the provisions herein; or for resale service, except as provided for in Chapter 22 of the Commission Rules regarding the provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment at Company's expense to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

Bills Rendered During July - October

Bills Rendered During November - June

A. Basic Customer Charge:
\$14.00 per month

Basic Customer Charge:
\$14.00 per month

B. Kilowatt-Hour Charge:
10.836¢ per kWh

Kilowatt-Hour Charge:
10.363¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.42/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule RES-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

RESIDENTIAL SERVICE
TIME-OF-USE
SCHEDULE R-TOUD-51

AVAILABILITY

This Schedule is available on a voluntary basis when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons. This Schedule is also available to an existing residential customer (1) if service is also received under Net Metering for Renewable Energy Facilities Rider NM or (2) if served under the Residential Service Time-of-Use Schedule R-TOUD before December 1, 2013 until such time as service is terminated or service is elected under another available schedule.

This Schedule is also available to customers served under the Residential Service Load Control Rider with applicable billing credits. Billing demands established and energy consumed by the load subject to control will be billed in accordance with this Schedule.

Service under this Schedule is not available: (1) for processing (or handling) for market of farm products produced by others; (2) for separately metered domestic or farm operations; (3) for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); (4) for commercial or industrial purposes; (5) for other uses not specifically provided for by the provisions herein; (6) for new applicants on and after December 1, 2013, or (7) for resale service, except as provided for in Chapter 22 of the Commission Rules regarding the provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment at Company's expense to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during calendar months of June through September:

- 1. Basic Customer Charge:
\$16.85
- 2. On-Peak kW Demand Charge:
\$4.88 per kW for all on-peak Billing Demand
- 3. kWh Energy Charge:
7.588¢ per on-peak kWh
6.148¢ per off-peak kWh

B. Service used during calendar months of October through May:

- 1. Basic Customer Charge:
\$16.85
- 2. On-Peak kW Demand Charge:
\$3.90 per kW for all on-peak Billing Demand
- 3. kWh Energy Charge:
7.588¢ per on-peak kWh
6.148¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.42/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

BILLING DEMAND

The on-peak Billing Demand shall be the maximum demand used in the on-peak hours of the current month during any 15-minute interval.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessor, at the current location, the Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule R-TOUD-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

RESIDENTIAL SERVICE
TIME-OF-USE
SCHEDULE R-TOU-51

AVAILABILITY

This Schedule is available on a voluntary basis when electric service is used for domestic purposes in and about (1) a residential dwelling unit, including electric service used on a farm and in the preparation of the farm products for market, or (2) a family care home. A residential dwelling unit served under this Schedule may be used as a boarding house, fraternity house, tourist home, or like establishment, provided such residential dwelling unit is one which ordinarily would be used as a private residence. A family care home is defined as a home with support and supervisory personnel that provides room and board, personal care and habilitation services in a family environment for not more than six resident handicapped persons.

Service under this Schedule is not available: (1) for processing (or handling) for market of farm products produced by others; (2) for separately metered domestic or farm operations; (3) for individual motors in excess of 10 HP (in exceptional cases, motors as large as 15 HP may be served upon approval by the Engineering Department); (4) for commercial or industrial purposes; (5) for other uses not specifically provided for by the provisions herein; or (6) for resale service, except as provided for in Chapter 22 of the Commission Rules regarding provision of electric service by landlords.

Nonfossil energy sources caused by acts of nature such as wind or solar are permitted as supplement to Customer's energy requirement provided Company is granted the right to install, operate, and monitor special equipment to measure Customer's load or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. In situations where special equipment is needed to assure safety, reliability, or metering accuracy, the installation of such equipment shall be at the Customer's expense.

APPLICABILITY

This Schedule is applicable to all electric service of the same type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during the calendar months of June through September:

1. Basic Customer Charge:

\$16.85

B. Service used during the calendar months of October through May:

1. Basic Customer Charge:

\$16.85

2. kWh Energy Charge:
 23.923¢ per on-peak kWh
 12.412¢ per shoulder kWh
 7.479¢ per off-peak kWh

2. kWh Energy Charge:
 22.772¢ per on-peak kWh
 12.124¢ per shoulder kWh
 7.479¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification - \$1.42/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

DETERMINATION OF ON-PEAK, SHOULDER, AND OFF-PEAK HOURS

I. Service used beginning at 12:00 midnight March 31, and ending at 12:00 midnight September 30:

- A. The on-peak hours are defined as the hours between 1:00 p.m. and 6:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 11:00 a.m. and 1:00 p.m. and between 6:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

II. Service used beginning at 12:00 midnight September 30, and ending at 12:00 midnight March 31:

- A. The on-peak hours are defined as the hours between 6:00 a.m. and 9:00 a.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 9:00 a.m. and noon and between 5:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

III. Off-Peak Holidays:

All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 25 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessor, at the current location, the Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, and Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule R-TOU-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

SMALL GENERAL SERVICE
SCHEDULE SGS-51

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand of less than 30 kW, until the Customer's registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or until the Customer's registered demand equals or exceeds 50 kW.

This Schedule is not available: (1) for residential service, (2) for resale service, (3) for a Contract Demand of 30 kW or more, (4) whenever the monthly registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or (5) whenever the monthly registered demand equals or exceeds 50 kW. The Company may at any time conduct a test or install a demand meter to determine the maximum 15-minute demand.

When the Customer has installed generating or converting equipment that can operate in parallel with the Company's service, the Customer shall install the protective equipment acceptable to the Company that will protect the Company's employees, its other customers, and its distribution system. The Company shall have the right to suspend delivery of electricity to the Customer with such generating or converting equipment until the Customer has installed the protective equipment.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Single-Phase Service:

A. \$21.00 Customer Charge

B. Kilowatt-Hour Energy Charge:

11.307¢ per kWh for the first 750 kWh
9.637¢ per kWh for the next 1,250 kWh
9.183¢ per kWh for all additional kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month
Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SGS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

SMALL GENERAL SERVICE
ALL-ENERGY TIME-OF-USE
SCHEDULE SGS-TOUE-51

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand of less than 30 kW, until the Customer's registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or until the Customer's registered demand equals or exceeds 50 kW.

This Schedule is not available: (1) for residential service, (2) for resale service, (3) for a Contract Demand of 30 kW or more, (4) whenever the monthly registered demand equals or exceeds 35 kW in two or more of the preceding 12 months, or (5) whenever the monthly registered demand equals or exceeds 50 kW. The Company may at any time conduct a test or install a demand meter to determine the maximum 15 minute demand.

When the Customer has installed generating or converting equipment that can operate in parallel with the Company's service, the Customer shall install the protective equipment acceptable to the Company that will protect the Company's employees, its other customers, and its distribution system. The Company shall have the right to suspend delivery of electricity to the Customer with such generating or converting equipment until the Customer has installed the protective equipment.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Single-Phase Service:

A. Service used during the calendar months of June through September:

1. Basic Customer Charge:

\$21.00

B. Service used during the calendar months of October through May:

1. Basic Customer Charge:

\$21.00

2. kWh Energy Charge:
 22.030¢ per on-peak kWh
 11.621¢ per shoulder kWh
 6.416¢ per off-peak kWh

2. kWh Energy Charge:
 19.948¢ per on-peak kWh
 11.101¢ per shoulder kWh
 6.416¢ per off-peak kWh

Minimum Bill

The minimum monthly charge shall be the Basic Customer Charge.

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

- Commercial/Governmental Classification - \$7.96/month
- Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

DETERMINATION OF ON-PEAK, SHOULDER, AND OFF-PEAK HOURS

I. Service used beginning at 12:00 midnight March 31, and ending at 12:00 midnight September 30:

- A. The on-peak hours are defined as the hours between 1:00 p.m. and 6:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 11:00 a.m. and 1:00 p.m. and between 6:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

II. Service used beginning at 12:00 midnight September 30, and ending at 12:00 midnight March 31:

- A. The on-peak hours are defined as the hours between 6:00 a.m. and 9:00 a.m. Monday through Friday, excluding holidays defined as off-peak.
- B. The shoulder hours are defined as the hours between 9:00 a.m. and noon and between 5:00 p.m. and 8:00 p.m. Monday through Friday, excluding holidays defined as off-peak.
- C. The off-peak hours are defined as all other hours, plus holidays defined as off-peak.

III. Off-Peak Holidays:

All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the Holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SGS-TOUE-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

MEDIUM GENERAL SERVICE
SCHEDULE MGS-51

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, with a Contract Demand or a registered or computed demand of 30 kW and greater, but less than 1,000 kW. This Schedule is also available to an existing nonresidential customer if served under the Small General Service Schedule SGS on September 24, 1982 with: (1) a Contract Demand of 1,000 kW or more, until such time as service is terminated, or service is elected under another available schedule; or (2) a Contract Demand below 1,000 kW until such time as the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months or the Customer's Contract Demand is increased to 1,000 kW or more, whereupon this Schedule will no longer be available thereafter.

This Schedule is not available: (1) for residential service; (2) for breakdown, standby, or supplementary service unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (3) for resale service; or (4) for a new customer after September 23, 1982 with a Contract Demand of 1,000 kW or more, or whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months.

MONTHLY RATE

I. For Single-Phase Service:

- A. Customer Charge: \$28.50 per month
- B. Billing Demand: \$6.15 per kW
- C. Kilowatt-Hour Energy Charge:
7.190¢ per kWh for all kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

- Commercial/Governmental Classification - \$7.96/month
- Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

BILLING DEMAND

The Billing Demand shall be the greater of: (1) the maximum kW registered or computed, by or from the Company's metering facilities, during any 15-minute interval within the current billing month; (2) 80% of the maximum 15-minute demand during the billing months of July through October of the preceding 11 billing months; (3) 60% of the maximum monthly 15-minute demand during the billing months of November through June of the preceding 11 billing months; (4) 75% of the Contract Demand until such time as the Billing Demand first equals or exceeds the effective Contract Demand; or (5) 25 kW.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event the Customer agrees:

- I. That the service supplied shall be for a continuous period until disconnected; and
- II. That where it is necessary for the Company to extend lines, erect transformers, or do any work necessary to supply service, except the installation of a self-contained meter, the Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule MGS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

SEASONAL OR INTERMITTENT SERVICE
SCHEDULE SI-51

AVAILABILITY

This Schedule is available for a nonresidential customer at a single point of delivery, at one of the Company's standard voltages, and whose operation is normally seasonal or varies greatly from month to month; whose actual kW demand for at least two consecutive months is less than 30% of the greater of the Contract Demand or maximum demand registered in the preceding 12 months; and whose Contract Demand or registered or computed demand is 30 kW or more.

This Schedule is not available for short-term, construction, temporary, breakdown, standby, or supplementary service or for Contract Demands or loads of less than 30 kW or greater than 100,000 kW.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

- I. For those months when service is used:

For Single-Phase Service:

- A. \$28.50 Customer Charge
- B. Kilowatt-hour Energy Charge:
- 12.307¢ per kWh for the first 2,000 kWh
- 10.182¢ per kWh for all additional kWh

For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

- II. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

- III. A charge will be added to the monthly bill in each of three consecutive months in each contract year to be referred to as facilities charge months. Facilities charge months shall begin with the first month service is taken or as specified in the Service Agreement but shall not begin later than the tenth month of the contract year. The charge to be added during each facilities charge month will be determined as follows:

\$41.00 Customer Seasonal Charge

\$ 1.84 per kW Facilities Charge for each kW of demand registered in the first facilities charge month or the maximum 15-minute registered demand in the previous 11 months or the Contract Demand, whichever is greater.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

REMOVAL OF FACILITIES

If the Customer is not using service or is only partially using service, the Company may, after notice to the Customer, remove any of its transformers and other equipment (other than structures and conductors) or may substitute other equipment for that which is being only partially used by the Customer. In either event, the Company will furnish and install, at its own expense, the same or equivalent equipment, or any needed substitute equipment, at the time the Customer notifies the Company of their desire to resume taking service.

CONTRACT PERIOD

The Contract Period shall not be less than one year, except where the Customer fails to meet the availability requirement of this Schedule.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SI-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

SMALL GENERAL SERVICE
(TIME-OF-USE)
SCHEDULE SGS-TOU-51

AVAILABILITY

This Schedule is available on a voluntary basis for electric service used by a nonresidential customer with an initial Contract Demand of 30 kW or greater but less than 1,000 kW. This Schedule is also available to an existing nonresidential customer with a Contract Demand below 30 kW (1) if service is also received under Net Metering for Renewable Energy Facilities Rider NM or (2) if served under the Small General Service (Time-of-Use) Schedule SGS-TOU before December 1, 2013, until such time as service is terminated or service is elected under another available schedule.

This Schedule is not available: (1) for residential service; (2) for breakdown, standby, or supplementary service, unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (3) for resale service; (4) for new applicants with a Contract Demand below 30 kW on and after December 1, 2013; or (5) whenever the registered or computed demand equals or exceeds 1,000 kW and an increase in the capacity of Company's facilities is required.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

- I. Service used during the calendar months of June through September:
 - A. Basic Customer Charge:
\$35.50
 - B. kW Demand Charge:
 - 1. \$ 10.53 per kW for all kW of on-peak Billing Demand
 - 2. \$ 1.22 per kW for all off-peak excess Billing Demand

- C. kWh Energy Charge:
6.2715.920¢ per on-peak kWh
5.046¢ per off-peak kWh

II. Service used during the calendar months of October through May:

- A. Basic Customer Charge:
\$35.50
- B. kW Demand Charge:
1. \$8.85 per kW for all kW of on-peak Billing Demand
2. \$1.22 per kW for all off-peak excess Billing Demand

- C. kWh Energy Charge:
6.271¢ per on-peak kWh
5.046¢ per off-peak kWh

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month
Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 4.752¢ per kWh, and (4) \$1.22 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year, except where Customer fails to meet the availability requirements of this Schedule. For short-term, construction, or temporary service, the Contract Period may be for the period requested by the Customer and in such event Customer agrees:

- I. That the service supplied shall be for a continuous period until discontinued; and
- II. That where it is necessary for Company to extend lines, erect transformers, or do any work necessary to supply service, Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SGS-TOU-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

CHURCH SERVICE
(TIME-OF-USE)
SCHEDULE CH-TOUE-51

AVAILABILITY

This schedule is available on a voluntary basis for electric service used by churches with a Contract Demand or a registered or computed demand of 30 kW and greater, but less than 1,000 kW.

This Schedule is not available: (1) for residential service; (2) for short-term, construction, temporary, breakdown, standby, or supplementary service; (3) for resale service; (4) for a Contract Demand of 1,000 kW or more; (5) whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months and an increase in the capacity of Company's facilities is required; (6) whenever the registered or computed demand equals or exceeds 1,500 kW; or (7) for electric service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule.

Company has the right to install, operate, and monitor special equipment to measure Customer's load characteristics.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. For Service used during the calendar months of June through September:

- A. Basic Customer Charge:
\$35.50
- B. kWh Energy Charge:
25.640¢ per on-peak kWh
7.176¢ per off-peak kWh

II. For Service used during the calendar months of October through May:

- A. Basic Customer Charge:
\$35.50
- B. kWh Energy Charge:
24.124¢ per on-peak kWh
7.176¢ per off-peak kWh

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 5.124¢ per kWh and (4) \$1.22 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand registered or computed from Company's metering facilities during the current and preceding 11 billing months.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will also be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be on a monthly basis. For a Customer who has previously received service under this Schedule or its predecessors, the Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule CH-TOUE-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

GENERAL SERVICE
(THERMAL ENERGY STORAGE)
SCHEDULE GS-TES-51

AVAILABILITY

This Schedule is available on a voluntary basis for electric service when used for thermal storage equipment to provide space conditioning requirements by a nonresidential customer with a Contract Demand less than 4,000 kW. Thermal storage equipment as defined herein must incorporate storage mediums of water, ice, or other phase change materials and would normally utilize electrical loads of chillers, boilers, pumps, or fans.

This Schedule is not available: (1) for residential service; (2) for temporary service; (3) for service used for purposes other than thermal storage space conditioning equipment; (4) for breakdown, standby, or supplementary service; (5) for resale service; or (6) for a Contract Demand of 4,000 kW or more.

APPLICABILITY

This Schedule is applicable to electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

For Contract Demands less than 1,000 kW*	\$35.50
For Contract Demands of 1,000 kW or greater	\$200.00

*If the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months, the Basic Customer Charge shall be increased to \$200.00 thereafter.

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand	\$12.31 per kW	\$11.04 per kW
B. Off-Peak Excess Billing Demand	\$1.22 per kW	\$1.22 per kW

III. kWh Energy Charge:

5.121¢ per on-peak kWh
4.868¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month
Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 4.752¢ per kWh, and (4) \$1.22 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 12:00 noon and 8:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule GS-TES-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

AGRICULTURAL POST-HARVEST PROCESSING
(EXPERIMENTAL THERMAL ENERGY STORAGE)
SCHEDULE APH-TES-51

AVAILABILITY

This Schedule is available on an experimental basis for electric service to the first ten customers applying when used by thermal storage equipment installed for the post-harvest processing of fruits and vegetables. Thermal storage equipment as defined herein must incorporate storage mediums of water, ice, or other phase change materials and would normally utilize electrical loads of chillers, boilers, pumps, or fans. The Contract Demand must be less than 1,000 kW.

This Schedule is not available: (1) for service used for purposes other than thermal storage equipment utilized in the processing of fruits and vegetables; (2) for temporary service; (3) for breakdown, standby, or supplementary service; (4) for resale service; (5) for a Contract Demand of 1,000 kW or more; or (6) whenever the registered or computed demand equals or exceeds 1,200 kW in two or more of the preceding 12 months.

APPLICABILITY

This Schedule is applicable to electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

\$35.50

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand	\$12.31 per kW	\$11.04 per kW
B. Off-Peak Excess Billing Demand	\$ 1.22 per kW	\$ 1.22 per kW

III. kWh Energy Charge:

5.121¢ per on-peak kWh
4.868¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month
Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Minimum Bill:

The minimum monthly charge shall be the sum of (1) the Basic Customer Charge, (2) the REPS Adjustment, (3) 4.752¢ per kWh, and (4) \$1.22 per kW for the higher of: (a) the Contract Demand or (b) the maximum monthly 15-minute demand during the current and preceding 11 billing months.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 12:00 noon and 8:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered as off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule APH-TES-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

LARGE GENERAL SERVICE
SCHEDULE LGS-51

AVAILABILITY

This Schedule is available for electric service used by a nonresidential customer with either a Contract Demand that equals or exceeds 1,000 kW or whenever the registered or computed demand equals or exceeds 1,000 kW in the preceding 12 months.

This Schedule is not available: (1) for breakdown, standby, or supplementary service unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (2) for resale service; or (3) for any new customer with a Contract Demand in excess of 100,000 kW.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher or the voltage at which Customer was being served on September 24, 1982. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:

\$200.00

II. kW Demand Charge:

\$12.96 per kW for the first 5,000 kW of Billing Demand
\$11.96 per kW for the next 5,000 kW of Billing Demand
\$10.96 per kW for all over 10,000 kW of Billing Demand

III. kWh Energy Charge:

5.607¢ per kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month
 Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Transformation Discounts:

When Customer owns the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, the charge per kW of Billing Demand and per kWh will be reduced in accordance with the following:

<u>Transmission Service Transformation Discount</u>	<u>Distribution Service Transformation Discount</u>
\$0.50/kW	\$0.43/kW
\$0.00041/kWh	\$0.00005/kWh

Transmission: For Customer to qualify for the Transmission Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service at the voltage of the 69 kV, 115 kV, or 230 kV transmission line from which Customer received service.

Distribution: For Customer to qualify for the Distribution Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service from the distribution line of 12.47 kV or higher from which Customer receives service. The distribution service source must be from a general distribution line and must be from other than a transmission-to-distribution substation built primarily for Customer's use in order to qualify for the Distribution Service Transformation Discount. A general distribution line is a 12.47 kV or higher voltage distribution line built to serve the general area and not built primarily to serve a specific customer.

Company shall have the option to install high-side metering equipment or low-side metering equipment compensated for Customer-owned transformer and line losses.

Any facilities which Company provides above those which Company would normally have utilized to service Customer's Contract Demand shall be considered as Extra Facilities. Any Company-owned protection system installed when service is directly from Company's 69 kV, 115 kV, or 230 kV transmission system or a distribution line of 12.47 kV or higher shall be considered Extra Facilities.

If changing conditions on Company's electrical system make continuation of the current delivery voltage impractical, Customer shall be responsible for all costs for the conversion beyond the point of delivery except any Company-owned metering equipment. At the time of the conversion, Company reserves the right to provide service at one of its available voltages.

If subsequent changes in the use of Company's facilities occur which cause the reclassification of either transformers or lines, Customer's entitlement to the discount may be changed.

VI. Minimum Bill:

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment plus a charge for 1,000 kW.

BILLING DEMAND

The Billing Demand shall be the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current billing month. However, the Billing Demand shall not be less than the greater of: (1) 80% of the maximum monthly 15-minute demand during the billing months of July through October of the preceding 11 billing months, or (2) 60% of the maximum monthly 15-minute demand during the billing months of November through June of the preceding 11 billing months, or (3) 75% of the Contract Demand until such time as the Billing Demand first equals or exceeds the effective Contract Demand, or (4) 1,000 kW.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.32 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demands used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year; except for short-term, construction or temporary service, the Contract Period may be for the period requested by Customer and in such event Customer agrees:

1. That the service supplied shall be for a continuous period until disconnected; and
2. That where it is necessary for Company to extend lines, erect transformers, or do any work necessary to supply service, Customer shall pay for the line extension in accordance with Line Extension Plan E.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule LGS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

LARGE GENERAL SERVICE
(TIME-OF-USE)
SCHEDULE LGS-TOU-51

AVAILABILITY

This Schedule is available on a voluntary basis for electric service used by a nonresidential customer with either a Contract Demand that equals or exceeds 1,000 kW or whenever the registered or computed demand equals or exceeds 1,000 kW in the preceding 12 months.

This Schedule is not available: (1) for breakdown, standby, or supplementary service, unless used in conjunction with the applicable standby or generation service rider for a continuous period of not less than one year; (2) for resale service; (3) for short-term or temporary service; or (4) for any new customer with a Contract Demand in excess of 100,000 kW.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher or the voltage at which Customer was being served on September 19, 1983. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

MONTHLY RATE

I. Basic Customer Charge:
\$200.00

II. kW Demand Charge:

	<u>Service Rendered During the Calendar Months Of:</u>	
	<u>June through September</u>	<u>October through May</u>
A. On-Peak Billing Demand:		
First 5,000 kW of Billing Demand	\$20.29 per kW	\$15.15 per kW
For the next 5,000 kW of Billing Demand	\$19.29 per kW	\$14.15 per kW
All over 10,000 kW of Billing Demand	\$18.29 per kW	\$13.15 per kW
B. All off-peak excess Billing Demand	\$ 0.89 per kW	\$ 0.89 per kW

III. kWh Energy Charge:

5.128¢ per on-peak kWh
 4.628¢ per off-peak kWh

IV. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month
 Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

V. Transformation Discounts:

When Customer owns the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, the charge per kW of on-peak Billing Demand and per kWh will be reduced in accordance with the following:

Transmission Service	Distribution Service
<u>Transformation Discount</u>	<u>Transformation Discount</u>
\$0.50/kW	\$0.43/kW
\$0.00041/kWh	\$0.00005/kWh

Transmission: For Customer to qualify for the Transmission Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service at the voltage of the 69 kV, 115 kV, or 230 kV transmission line from which Customer received service.

Distribution: For Customer to qualify for the Distribution Service Transformation Discount, Customer must own the step-down transformation and all other facilities beyond the transformation which Company would normally own, except Company's metering equipment, necessary to take service from the distribution line of 12.47 kV or higher from which Customer receives service. The distribution service source must be from a general distribution line and must be from other than a transmission-to-distribution substation built primarily for Customer's use in order to qualify for the Distribution Service Transformation Discount. A general distribution line is a 12.47 kV or higher voltage distribution line built to serve the general area and not built primarily to serve a specific customer.

Company shall have the option to install high-side metering equipment or low-side metering equipment compensated for Customer-owned transformer and line losses.

Any facilities which Company provides above those which Company would normally have utilized to service Customer's Contract Demand shall be considered as Extra Facilities. Any Company-owned protection system installed when service is directly from Company's 69 kV, 115 kV, or 230 kV transmission system or a distribution line of 12.47 kV or higher shall be considered Extra Facilities.

If changing conditions on Company's electrical system make continuation of the current delivery voltage impractical, Customer shall be responsible for all costs for the conversion beyond the point of delivery except any Company-owned metering equipment. At the time of the conversion, Company reserves the right to provide service at one of its available voltages.

If subsequent changes in the use of Company's facilities occur which cause the reclassification of either transformers or lines, Customer's entitlement to the discount may be changed.

VI. Minimum Bill:

The minimum monthly charge shall be the Basic Customer Charge plus the REPS Adjustment plus a charge for 1,000 kW at the off-peak excess demand rate.

BILLING DEMANDS

- I. The on-peak Billing Demand shall be the maximum demand registered or computed by or from Company's metering facilities used in the on-peak hours of the current month during any 15-minute interval.
- II. The off-peak excess Billing Demand is the maximum demand registered or computed by or from Company's metering facilities used during any 15-minute interval in the off-peak hours of the current month less the on-peak Billing Demand.

DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

I. On-Peak Hours:

- A. Service used beginning at 12:00 midnight March 31 and ending at 12:00 midnight September 30:

The on-peak hours are defined as the hours between 10:00 a.m. and 10:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

- B. Service used beginning at 12:00 midnight September 30 and ending at 12:00 midnight March 31:

The on-peak hours are defined as those hours between 6:00 a.m. and 1:00 p.m., plus 4:00 p.m. through 9:00 p.m., Monday through Friday, excluding holidays considered as off-peak.

II. Off-Peak Hours:

The off-peak hours in any month are defined as all hours not specified above as on-peak hours. All hours for the following holidays will be considered off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day. When one of the above holidays falls on a Saturday, the Friday before the holiday will be considered off-peak; when the holiday falls on a Sunday, the following Monday will be considered off-peak.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.32 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAr) registered by a demand meter suitable for measuring the demand used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

RIDER APPLICATIONS

When this Schedule is used in conjunction with any applicable rider, the charges, if any, as stated in the rider will be adjusted to reflect the on-peak and off-peak periods and on-peak and off-peak charges in this Schedule unless specific and different on-peak and off-peak periods and charges are stated in the rider.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule LGS-TOU-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

LARGE GENERAL SERVICE
(REAL TIME PRICING)
SCHEDULE LGS-RTP-51

AVAILABILITY

This Schedule is available for electric service to a maximum of eighty-five (85) nonresidential Customer accounts with a Contract Demand that equals or exceeds 1,000 kW.

This Schedule is not available: (1) for short-term or temporary service; (2) for electric service in conjunction with Incremental Power Service Rider IPS or Dispatched Power Rider No. 68; (3) for electric service in conjunction with Economic Development Rider ED and Large Load Curtailable Rider LLC, except as provided for in the RTP Base Charge; or (4) for any new Customer with a Contract Demand in excess of 50,000 kW.

Power delivered under this Schedule shall not be used for resale, or as a substitute for power contracted for or which may be contracted for under any other schedule of Company, except at the option of Company, under special terms and conditions expressed in writing in the contract with Customer. Customer shall be required to furnish and maintain a communication link and equipment suitable to support remote reading of Company's meter serving Customer and to support daily receipt of the Hourly Real Time Pricing (RTP) rates. Customer may use emergency or back-up generation to respond to RTP hourly rates without receiving standby service.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, three-phase 3 or 4 wires, at Company's standard voltages of 480 volts or higher. When Customer desires two or more types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the type of service necessary for Customer's requirements will be supplied under this Schedule.

CONTRACT DEMAND

The Contract Demand shall be the kW of demand specified in the Service Agreement.

CUSTOMER BASELINE LOAD (CBL)

Company shall establish a Customer Baseline Load (CBL), expressed in kilowatt-hours, using one complete year of Customer-specific hourly load data that, in Company's opinion, represents Customer's electricity consumption pattern and is typical of Customer's operation for billing under the otherwise applicable tariffs and from which to measure changes in consumption for billing pursuant to this Schedule. For situations in which hourly load data are not available, a CBL will be constructed by Company using load shapes of Customers with similar usage patterns and from relevant information provided by Customer and verified by Company. The initial CBL shall consider verifiable changes in Customer's operation such as (1) installation of permanent energy efficiency measures; (2) permanent removal or addition of Customer's equipment; (3) one-time extraordinary events such as natural disasters; (4) annual plant shutdowns or other random variations in the load patterns; and (5) other on-going changes in demand. The CBL for new Customers will be calculated in the same manner as the CBL for existing Customers. Establishment of a CBL is a precondition for use of this Schedule.

SUBSEQUENT CBL ADJUSTMENT

After the initial CBL is established, it shall only be subject to an adjustment at Customer's request by providing 30-days advance written notice. Any downward adjustment is subject to Company's concurrence and will be consistent with the principles of initial CBL establishment.

CBL CALENDAR MAPPING

To provide Customer with the appropriate CBL for the RTP Service Year, the hourly consumptions established by the CBL shall be calendar-mapped to the corresponding day of the RTP Service Year. Calendar-mapping is a day-matching method to ensure that Mondays are matched to Mondays, holidays to holidays, etc.

The CBL shall be established by first identifying holidays and then grouping the remaining days (i.e., Mondays, Tuesdays, etc.) and averaging over the calendar month to result in hourly consumption for a typical week in each calendar month. The CBL result shall then be adjusted for each calendar month to reflect annual plant shutdowns, holidays, or other known work stoppages during the next RTP Service Year. Calendar-mapping is performed prior to each annual renewal of service under this Schedule after adjustments, if any, are made to the CBL.

MONTHLY RATE

The monthly rate shall consist of the following charges:

I. RTP Administrative Charge:

\$165.00

II. RTP Base Charge:

RTP Base Charge = Monthly Bill for the CBL consumption and monthly billing demand of the current billing month pursuant to the conventional LGS Class tariffs under which Customer either previously received service or would have elected to receive service prior to electing this Schedule. When the conventional tariffs include Economic Development Rider ED or Large Load Curtailable Rider LLC, the provisions of these Riders shall only apply to the CBL usage.

III. RTP Hourly Energy Charge Adjustment:

RTP Hourly Energy Charge = $\Sigma\{\text{Hourly RTP Rate} \times (\text{Hourly Consumption} - \text{CBL Consumption})\}$

where:

Σ = The summation of the RTP charges and credits for each hour of the current billing month.

The Hourly RTP Rate shall be determined based upon the following formula:

Hourly RTP Rate = (MENERGY + CAP + ADDER) X (1 + TAXES)

where:

MENERGY = Marginal Energy Cost per kilowatt-hour including marginal fuel, variable operating and maintenance expenses, and delivery losses

CAP = Tiered Capacity Charge per kilowatt-hour applicable whenever the day-ahead forecast of the ratio of hourly available generation to hourly demand is equal or less than 1.15

ADDER = $\beta \times$ (Class Rate-Hourly Marginal Cost), but not less than zero

where:

β = a fixed value equal to 0.20

Class Rate = the prior calendar year average rate per kilowatt-hour under the conventional tariffs applicable to the LGS class, as updated annually effective with the February billing

Hourly Marginal Cost = the sum of the specific hour's kilowatt-hour price for MENERGY and CAP, all as defined above

TAXES = NC Regulatory Fee (currently 0.14%)

IV. Facilities Demand Charge:

per kW of Facilities Demand for service provided from:

Transmission System (voltage of 69 kV or higher) without transformation	\$1.63/kW
Transmission System (voltage of 69 kV or higher) with one transformation	\$2.13/kW
Distribution System (voltage below 69 kV) without transformation	\$2.62/kW
Distribution System (voltage below 69 kV) with one transformation	\$3.05/kW

The kW of Facilities Demand shall be the greater of (1) the Contract Demand or (2) the maximum demand registered or recorded by Company's meter during a 15-minute interval in the current billing month, in excess of the maximum 15-minute billing demand included in the CBL applicable to the current billing month. The Contract Demand used to determine the Facilities Demand shall exclude any Standby Service kW, when applicable.

V. Rider Adjustments:

DSM/EE/JRRR Incremental Charge = (Actual Consumption – CBL Consumption) X
Rider Adjustment

where:

Actual Consumption = kWh consumed during the billing month

CBL Consumption = kWh billed as the CBL during the billing month

Rider Adjustment = Sum of the DSM/EE, DSM/EE EMF, and Rider JRRR rate adjustments during the current billing month

VI. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification -	\$7.96/month
Industrial/Public Authority Classification -	\$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an

auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PROVISION OF STANDBY SERVICE

If service is received under a standby or back-up service tariff prior to service under this Schedule, the use of standby service shall be excluded from initial determination of the CBL. The RTP Base Charge, as set forth in the Monthly Rate provision above, shall include billing of Supplementary Service but shall not include charges related to use of Standby Service. The Monthly Rate provisions of the applicable standby or back-up service tariff shall be calculated assuming no standby or back-up service was used with any actual use of Standby Service being billed pursuant to the RTP Hourly Energy Charge provisions of this Schedule. All other provisions of the applicable standby or back-up service tariff apply.

POWER FACTOR ADJUSTMENT

When the power factor in the current billing month is less than 85%, the monthly bill will be increased by a sum equal to \$0.32 multiplied by the difference between the maximum reactive kilovolt-amperes (kVAR) registered by a demand meter suitable for measuring the demand used during a 15-minute interval and 62% of the maximum kW demand registered in the current billing month.

CUSTOMER RATE NOTIFICATION

Company will notify Customer of the hourly prices via electronic mail, or other method of communications acceptable to Company, by 4 p.m. of the preceding business day. Prices for Saturday, Sunday, and Monday will generally be available on the preceding Friday. For a recognized holiday and the day following the holiday, prices will be available the preceding Company business day. Whenever prices are provided in excess of a day ahead and updated projections would result in significantly different prices, Company reserves the right to issue revised prices provided such prices are conveyed no later than 4 p.m. on the preceding calendar day.

Company is not responsible or liable for Customer's failure to receive and act upon the hourly prices. If Customer does not receive these prices, it is Customer's responsibility to inform Company so that future prices may be supplied.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall be monthly and will be automatically renewed unless terminated by either party by giving not less than thirty (30) days written notice of termination.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations and any changes therein, substitutions therefore, or additions thereto lawfully made.

Where Customer's other source of power is connected electrically or mechanically to equipment which may be operated concurrently with service supplied by Company, Customer shall install and maintain at his expense such devices as may be necessary to protect his equipment and service and to automatically disconnect his generating equipment, which is operated in parallel with Company, when service used by Customer is affected by electrical disturbances on Company's or Customer's systems. Should Company determine that Customer's facilities are not adequate to protect Company's facilities, Company may install the necessary facilities and Customer shall pay for the extra facilities in accordance with Company's Service Regulations.

Company makes no representation regarding the benefits of Customer subscribing to this Schedule. Customer, in its sole discretion, shall determine the feasibility and benefits of Customer subscribing to this Schedule.

Supersedes Schedule LGS-RTP-50
Effective for service rendered on and after December 1, 2018
NCUC Docket No. E-2, Sub 1175

CHURCH AND SCHOOL SERVICE
SCHEDULE CSG-51

AVAILABILITY

This Schedule is available for electric service used in a church plant contracting to pay for service for 12 months in each calendar year when Company does not own equipment, other than meters or metering equipment, on Customer's side of the point of delivery.

This Schedule is also available for electric service used in educational and recreational buildings operated as an educational institution of elementary or high school level provided that no part of the school is used for boarding facilities to accommodate students or faculty members.

This Schedule is not available for service to other types of schools, such as an industrial, vocational or training school; or for service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule; or for breakdown, standby, or supplementary service.

This Schedule is not available for new applications after June 30, 1977. Customer will be billed on this Schedule until Customer requests another available schedule or until Company's review of the preceding 12 months' history indicates the total annual bill on another available schedule would have been equal to or less than billing under this Schedule.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 2 or 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two or more types of service, which types can be supplied from a single-phase 3 wire type or a three-phase 4 wire type, without voltage transformation, only the one of these two types necessary for Customer's requirements will be supplied.

MONTHLY RATE

- I. For Single-Phase Service:
 - A. Customer Charge: \$28.50
 - B. Kilowatt-hour Energy Charge: 16.119¢ per kWh
- II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

Minimum: The minimum charge shall be the sum of (1) the Customer Charge, (2) the Three-Phase charge, if applicable, (3) the REPS Adjustment, (4) \$2.74 for each kW, and (5) 5.124¢ per kWh. The kW of Demand shall be the greater of (a) the Contract Demand or (b) the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current or preceding 11 billing months.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule CSG-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

CHURCH AND SCHOOL SERVICE
SCHEDULE CSE-51

AVAILABILITY

This Schedule is available when permanently installed electric space heating equipment is the only type of space heating equipment installed in either: (1) all parts of the church plant; (2) in the church sanctuary and pertinent rooms thereto; (3) in all parts of the church plant, except the parts contained in item (2); (4) in a newly constructed church educational building with not less than 50% of the floor area of the existing church plant, excluding the parts contained in item (2); or (5) any separately metered church building comprising a part of the church plant.

This Schedule is also available for electric service used in educational and recreational buildings operated as an educational institution of elementary or high school level when permanently installed electric space heating equipment is the only type of equipment installed for space heating purposes and all installed cooking and water heating equipment is electrical, provided that no part of the school is used for boarding facilities to accommodate students or faculty members.

This Schedule is not available for service to other types of schools, such as an industrial, vocational or training school; or for service to a building which is wholly or partially used for other purposes not specifically provided for by the provisions of this Schedule; or for breakdown, standby, or supplementary service.

This Schedule is not available for new applications after June 30, 1977. Customer will be billed on this Schedule until Customer requests another available schedule or until Company's review of the preceding 12 months' history indicates the total annual bill on another available schedule would have been equal to or less than billing under this Schedule.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, single-phase 3 wires, or three-phase 3 or 4 wires, at Company's standard voltages. When Customer desires two types of service, which types can be supplied from a three-phase 4 wire type, without voltage transformation, only the three-phase 4 wire type will be supplied.

MONTHLY RATE

- I. For Single-Phase Service:
 - A. Customer Charge: \$28.50
 - B. Kilowatt-hour Energy Charge: 13.071¢ per kWh

- II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00

Minimum: The minimum charge shall be the sum of (1) the Customer Charge, (2) the Three-Phase Charge, if applicable, (3) the REPS Adjustment, (4) \$2.74 for each kW, and (5) 5.124¢ per kWh. The kW of Demand shall be the greater of (a) the contract demand or (b) the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current or preceding 11 billing months.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule CSE-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

SMALL GENERAL SERVICE (CONSTANT LOAD)
SCHEDULE SGS-TOU-CLR-51

AVAILABILITY

This Schedule is available at Company's sole discretion for electric service used by a nonresidential customer with equipment that supports an expectation of constant operation at a single point of delivery, at one of the Company's standard voltages. Customer may be required to furnish Company engineering specifications, meter history results, or other evidence to support an expectation of a constant load. This Schedule is not available other applications. Customer shall notify Company in writing if Customer's equipment or mode of operation change to no longer support an expectation of constant operation.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

\$21.00 Basic Facilities Charge

7.918¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, the Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service under this Schedule is subject to the Company's Service Regulations, and any changes therein, substitutions therefore, or additions thereto lawfully made.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SGS-TOU-CLR-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

TRAFFIC SIGNAL SERVICE
SCHEDULE TSS-51

AVAILABILITY

This Schedule is available for electric service supplied for the operation and illumination of traffic signals installed along public and private highways where Company has an existing secondary distribution line.

INSTALLATION

The Company, for each signal or group of signals operating from one controller, will make its connection to Customer's service wire at a point one foot below the lowest support, carrying existing 120/240 volt conductors, or the equivalent, on the nearest pole. Customer will furnish, install, and maintain all service wires, fixtures, and other necessary equipment, including lamps and lamp renewals, for the installation and operation of all traffic signals.

TYPE OF SERVICE

Alternating current, 60 hertz, single-phase, 2 wires, 120 volts nominal.

DEFINITIONS

A One-way Signal is a signal with only one face which can be seen from only one approach.

A Multi-Direction Signal is a signal with more than one face each of which can be seen from only one approach.

MONTHLY RATE

I. MONTHLY RATE PER SIGNAL

TYPE OF SIGNAL	With Lamps of 70 Watts or Less(1) <u>Operating for a Maximum Day of</u>		With Lamps of 150 Watts or Less <u>Operating for a Maximum Day of</u>	
	<u>16 Hours/kWh</u>	<u>24 Hours/kWh</u>	<u>16 Hours/kWh</u>	<u>24 Hours/kWh</u>
Blinker Signal with One Lamp.....	\$ 1.98 / 19	\$2.70 / 28	\$3.59 / 33	\$5.03 / 49
One-way Signal with One Lamp.....	2.73 / 35	3.74 / 51	5.42 / 62	7.84 / 92
Two Lamps.....	3.29 / 35	4.39 / 51	6.67 / 62	9.19 / 92
Three Lamps.....	3.45 / 35	4.70 / 51	6.79 / 62	9.44 / 92
Four Lamps.....	4.37 / 50	6.12 / 75	9.37 / 91	13.03 / 135
Five Lamps (2).....	3.45 / 35	4.70 / 51	6.79 / 62	9.44 / 92

(1) When a customer elects to install a lamp of 120 watts or less, in lieu of 70 watts or less, in the red cycle of a One-way Signal with two or more lamps, then the rates for all One-way Signals with two, three, or four lamps will be increased by \$1.01 and \$1.30, respectively, for 16 hours and 24 hours of operation.

(2) Used as indicating signals for a turning lane of traffic.

II. Multi-Direction Signal

The rate for a Multi-Direction Signal is the sum of the applicable One-way Signal rate for each face of the Multi-Direction Signal.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Minimum: The amount computed under the above rates but not less than \$21.00 plus the REPS Adjustment.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule TSS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

TRAFFIC SIGNAL SERVICE (METERED)
SCHEDULE TFS-51

AVAILABILITY

This Schedule is available for electric service supplied solely for the operation and illumination of traffic signals installed along public and private highways.

INSTALLATION

The Company, for each signal or group of signals operating from one controller, will make its connection to Customer's service wire at a point where Company's conductors may be conveniently extended and terminated. Customer will furnish, install, and maintain all service wires, fixtures, and other necessary equipment, including lamps and lamp renewals, for the installation and operation of all traffic signals.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one kilowatt-hour meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 or 3 wires, or three-phase 4 wires, at Company's standard voltages of 240 volts or less.

MONTHLY RATE

I. For Single-Phase Service:

A. For the cost to bill and provide facilities necessary to support consumption of electricity:

\$21.00 Customer Charge

B. For the cost of electricity consumed:

Kilowatt-Hour Energy Charge: 6.095¢ per kWh

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one year.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule TFS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

AREA LIGHTING SERVICE
SCHEDULE ALS-51

AVAILABILITY

This Schedule is available for service supplied in the lighting of outdoor areas, private streets, and private driveways by means of mercury vapor, metal halide, sodium vapor lighting, and light emitting diode units. Lighting units will be bracket-mounted on Company-owned poles, and the mercury vapor lamps will be color-corrected.

This Schedule is not available for the lighting of dedicated streets or highways.

SERVICE

Prior to installing area lighting facilities, Customer and Company must enter into an agreement for Area Lighting Service. The service supplied by Company will include the installation and operation, according to Company standards and requirements, of the area lighting units and will include the furnishing of electricity required for the illumination of the lamps from dusk to dawn. After Customer has notified Company that a lamp is not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The lumen rating of the lighting units listed under the MONTHLY RATE indicates the class of lamp.

MONTHLY RATE

I. Overhead Service

Basic Rate: The basic rate per fixture defined below will be billed for installations of standard area lighting fixtures installed on Company's system distribution poles. The basic rate does not include the monthly charges for extra facilities, area lighting poles, underground service, Masterpiece Series Standard Facilities, or any contribution required under this Schedule.

	Monthly Charge <u>Per Fixture</u>	Monthly kWh <u>Per Fixture</u>
<u>Light Emitting Diode Units</u>		
LED 50	\$7.41	18
LED 50 floodlight	10.74	18
LED 75	7.67	25
LED 105	9.44	35
LED 130 floodlight	21.68	44
LED 150	12.20	54
LED 215	15.01	73
LED 260 floodlight	39.54	88
LED 280	17.15	101
LED 420	39.85	142
LED 530	48.49	179
<u>Sodium Vapor Units</u>		
9,500 lumen	\$10.59	46
16,000 lumen	12.43	59
28,500 lumen	15.57	109
50,000 lumen	21.58	152
50,000 lumen floodlight	24.20	168

	<u>Monthly Charge Per Fixture</u>	<u>Monthly kWh Per Fixture</u>
<u>Lighting Fixtures - No Longer Available to New Applicants</u>		
5,800 lumen (Sodium Vapor) ¹	\$ 6.65	29
9,000 lumen (Metal Halide) ²	12.37	41
7,000 lumen semi-enclosed (Mercury Vapor) ¹	8.50	69
7,000 lumen (Mercury Vapor) ¹	9.74	69
12,000 lumen (Retrofit Sodium Vapor) ¹	12.02	59
20,000 lumen (Metal Halide) ²	18.27	94
21,000 lumen (Mercury Vapor) ¹	15.78	149
21,000 lumen flood (Mercury Vapor) ¹	19.11	160
22,000 lumen (Sodium Vapor) ²	13.54	86
33,000 lumen (Metal Halide) ²	23.82	133
38,000 lumen (Retrofit Sodium Vapor) ¹	17.97	135
40,000 lumen (Metal Halide) ²	25.15	160
60,000 lumen (Mercury Vapor) ¹	32.32	382
60,000 lumen floodlight (Mercury Vapor) ¹	34.84	382
110,000 lumen (Metal Halide) ²	48.14	370

¹ Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the lamp, photocell, fixture or ballast or earlier pursuant to Commission Rule R8-47, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Mercury vapor fixtures shall also be replaced, prior to failure, upon Customer's request.

² Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the fixture or ballast, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Fixtures shall also be replaced, prior to failure, upon Customer's request.

Restricted Lumen Classification	Default Replacement Classification*
5,800 lumen HPS	LED 50
7,000 lumen MV	LED 50
9,000 lumen MH	LED 50
12,000 lumen RSV	LED 50
20,000 lumen MH	LED 150
21,000 lumen MV	LED 150
22,000 lumen HPS	LED 150
33,000 lumen MH	LED 205
38,000 lumen RSV	LED 215
40,000 lumen MH	LED 205
60,000 lumen MV	LED 280
110,000 lumen MH	LED 530

* Whenever a comparable LED fixture is available, an LED fixture shall be installed; otherwise, the default fixture will be a comparable sodium vapor source.

II. Overhead Service to Light Emitting Diode (LED) Lighting

The rate per fixture defined below will be billed for installations of DEP-approved lighting fixtures installed on Company's system distribution poles. Upon notification by Customer that 35% or greater of the light emitting diodes contained within the fixture are not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The rate does not include the monthly charges for extra facilities, special lighting poles or posts, underground service, or any contribution required under this Schedule.

LED Rate (Standard Offer):

	<u>Monthly Charge Per</u>	<u>Monthly kWh Per</u>
<u>Fixture</u>	<u>Fixture*</u>	<u>Fixture</u>
LED 75	\$5.90 ¹	25
LED 105	8.46 ¹	35
LED 215	12.44 ¹	73
LED 205 Site Lighter	12.50	69

* In addition to the Rate, Customer shall pay a monthly charge of 1.0% times the cost difference between the estimated installed cost of a DEP-approved fixture and the LED fixture cost allowance for the stated lumen category in accordance with the EXTRA FACILITIES paragraph below. The monthly charge shall not be less than zero.

¹ The LED 75, LED 105, and LED 215 are not available to new installations under the Standard Option effective September 15, 2014.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Residential Classification -	\$1.42/month
Commercial/Governmental Classification -	\$7.96/month
Industrial/Public Authority Classification -	\$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Underground Service

For underground service, the monthly bill will be increased by \$3.21 per pole or, in lieu thereof, a one-time contribution of \$521.00 per pole. The monthly pole charge, if selected, may be terminated at any time upon payment by Customer of the one-time contribution. The monthly pole charge defined below will also be applicable to underground service.

V. Special Area Lighting Poles and Posts

A special area lighting pole or post is any Company-owned pole or post, except those installed under Extra Facilities Item IV. below, installed as a part of an area lighting system and on which no other Company overhead distribution facilities are installed except those necessary to provide service to an area lighting system or a pole or post installed as a part of a Company-owned underground area lighting system.

	<u>Monthly Charge</u>
	<u>Per Pole or Post</u>
Wood	\$2.05
Metal*, Fiberglass, or Post	4.87
12-Foot Smooth Concrete Post**	9.49
16-Foot Smooth Concrete Post**	10.44
Decorative Square Metal	10.44
13-Foot Fluted Concrete Post**	14.25
Decorative Aluminum 12-Foot Post	17.09
Decorative 35- or 39-Foot Tapered Metal Pole	27.14

* Metal will be installed in locations where fiberglass cannot be used as determined by Company.

** Concrete posts will not be available for new installations on and after August 1, 2007. Concrete posts or similar material posts, as determined by Company, will be offered in accordance with the Extra Facilities paragraph.

V. Masterpiece Series Standard Facilities

Masterpiece Series Standard Facilities are deluxe decorative fixtures, posts, and brackets that are normally maintained in inventory by Company to meet the lighting needs of customers. The initial Contract Period for All Masterpiece Series facilities is 10 years. The MONTHLY RATE for Masterpiece Series Standard Facilities is as follows:

Masterpiece Series Fixtures: In addition to the MONTHLY RATE, Item I., for a 9,000 or 9,500 lumen fixture, Customer pays:

Masterpiece Series A Fixture	\$ 3.00
Masterpiece Series B Fixture	\$ 4.15

Masterpiece Series Decorative Posts:

Masterpiece Series A 12-Foot decorative metal post	\$17.09
Masterpiece Series A 16-Foot decorative metal post	\$20.89

Masterpiece Series Bracket:

Masterpiece Series A Twin Mounting Bracket	\$ 5.00
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EXTRA FACILITIES

In addition to the MONTHLY RATE, Customer shall pay a monthly facilities charge when facilities are requested that exceed facilities normally supplied by Company to render lighting service. Customer shall pay a Monthly Facilities Charge of 1.0 percent of the estimated installed cost of the Special Facilities. Special Facilities that are considered to be above normal include, but are not limited to, the following:

- I. Upon Company review and approval, multiple lighting fixtures may be installed per pole. Special facilities shall be considered as the estimated installed cost of the facilities necessary to serve the multiple fixture installation in excess of that normally required to provide standard area lighting service.
- II. Special facilities shall include any distribution transformer and/or primary conductor extension.
- III. For a work request installing an underground circuit, special facilities shall include any conductor length in excess of an average of 250 feet per span. Customer may elect to make a nonrefundable contribution of the estimated installed cost of an underground circuit deemed to be Special facilities without being required to pay a monthly facilities charge.
- IV. Special Facilities shall include special nonstandard poles and posts not listed above in MONTHLY RATE.
- V. For nonstandard fixtures not included in the MONTHLY RATE provision above, the monthly charge will be the charge in accordance with the MONTHLY RATE and the Special Facilities shall be the difference between the estimated installed cost of the nonstandard fixture and the estimated installed cost of the equivalent standard fixture.
- VI. The cost of a bracket or mast arm in excess of the standard facilities for a given fixture type shall be considered as Special Facilities.

NONREFUNDABLE CONTRIBUTION

- I. In the event that rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, Customer will contribute the additional cost except when the Service Extension Provision as stated below is applicable.
- II. Customer will contribute the estimated cost of installing cables under paved or landscaped surface areas; however, Customer may cut and replace the pavement or surface in lieu of making the contribution.

- III. Service supplied under the MONTHLY RATE in this Schedule does not include the conversion of existing overhead secondary conductors to underground. Should Customer desire such a conversion under this Schedule, Customer will contribute to Company, in addition to the applicable contributions above, the estimated net loss in salvage value of the overhead facilities being removed. The Customer will thereafter pay the applicable rate for underground service.

SERVICE EXTENSIONS

The installation of lighting fixtures or poles shall be in a location that is readily accessible by a Company truck to support installation and maintenance of Company facilities.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The initial Contract Period for lighting units shall be one of the following:

- (a) One year when the lighting unit will be mounted on Company's existing distribution pole (excluding temporary service poles), no more than one additional span of overhead secondary conductor is required, and no extra facilities are required;
- (b) Three years for overhead service other than those which comply with the one-year term provisions, and (d) or (e) does not apply; or
- (c) Five years for underground service (includes all LED site lighter and shoe-box fixtures); or
- (d) Ten years for service to all Masterpiece Series facilities, LED facilities (only if installed under the Rate plus a monthly charge option, excluding the LED site lighter and shoe-box fixtures), and for service utilizing fixtures, poles, and posts determined by Company as Special Order nonstandard; or
- (e) Twenty years for service utilizing fixtures, poles, and posts determined by Company as Custom Design nonstandard.
- (f) For temporary lighting facilities, the Customer shall pay the total estimated installed cost plus removal cost minus salvage value of the facilities installed to provide such service in lieu of a Contract Period.

The Contract Period shall extend from year to year thereafter until terminated by Customer or Company. Customer may terminate the Agreement before the expiration of the initial Contract Period by paying to Company a sum of money equal to 40% of the bills which otherwise would have been rendered for the unexpired months of the initial Contract Period.

Company may require Customer to initially make a termination deposit which will not exceed the termination amount computed in accordance with the above paragraph. Such termination deposit will be refunded in equal amounts at the end of each full year service is rendered. This annual refund will be the termination deposit divided by the number of years in the Contract Period.

GENERAL

Service rendered under this Schedule is subject to the provisions of Company's Service Regulations filed with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule ALS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

STREET LIGHTING SERVICE
SCHEDULE SLS-51

AVAILABILITY

This Schedule is available for service supplied in the lighting of dedicated public streets, highways, municipally owned and operated public parking lots, and municipally owned and operated public parks by lighting fixtures mounted on Company-owned poles or government-owned traffic signal poles. This Schedule is also available for continuous service to other installations which were being served on April 1, 1973, under superseded Schedules SL-1G and SL-2C.

SERVICE

The service supplied by Company will include the installation of a street lighting system, according to Company's standards and requirements, which will be owned, maintained, and operated by Company, including the furnishing of the electricity required for the illumination of the lamps from dusk to dawn. The lumen ratings of lighting units listed under the MONTHLY RATE indicate the general class of lamp.

MONTHLY RATE

I. Overhead Service

Basic Rate: The basic rate per fixture defined below will be billed for installations of standard street lighting fixtures. The basic rate does not include the monthly charges for additional facilities, street lighting poles, underground service, Masterpiece Series Standard Facilities, or any contribution required under this Schedule and under the Street Lighting Service Regulations.

	<u>Monthly Charge Per Fixture</u>	<u>Monthly kWh Per Fixture</u>
<u>Light Emitting Diode Units</u>		
LED 50	\$7.41	18
LED 75	7.67	25
LED 105	9.44	35
LED 150	12.20	54
LED 215	15.01	73
LED 280	17.15	101
LED 420	39.85	142
LED 530	48.49	179
<u>Sodium Vapor</u>		
9,500 lumen	\$10.59	46
16,000 lumen	12.43	59
28,500 lumen	15.57	109
50,000 lumen	21.58	152
<u>Lighting Fixtures - No Longer Available to New Applicants</u>		
5,800 lumen (sodium vapor) ¹	\$6.65	29
7,000 lumen semi-enclosed (mercury vapor) ¹	8.50	69
7,000 lumen (mercury vapor) ¹	9.74	69
9,000 lumen (metal halide) ²	12.37	41
12,000 lumen (Retrofit Sodium Vapor) ¹	12.02	59
20,000 lumen (metal halide) ²	18.27	94
21,000 lumen (mercury vapor) ¹	15.78	149
22,000 lumen (Sodium Vapor) ²	13.54	86
33,000 lumen (metal halide) ²	23.82	133
38,000 lumen (Retrofit Sodium Vapor) ¹	17.97	135
40,000 lumen (metal halide) ²	25.15	160
60,000 lumen (mercury vapor) ¹	32.32	382
110,000 lumen (metal halide) ²	48.14	370

- ¹ Not available for new installations. For all fixtures other than Masterpiece, non-standard or custom design, upon failure of the lamp, photocell, fixture or ballast, or earlier pursuant to Commission Rule R8-47, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Mercury vapor fixtures shall also be replaced, prior to failure, upon Customer's request.
- ² Not available for new installations. For all fixtures other than Masterpiece, non-standard, and custom design, upon failure of the fixture or ballast, the fixture shall be replaced at no charge with a similar style fixture as shown in the table below and the monthly rate for the new fixture will apply. Fixtures shall also be replaced, prior to failure, upon Customer's request.

Restricted Lumen Classification	Default Replacement Classification*
5,800 lumen HPS	LED 50
7,000 lumen MV	LED 50
9,000 lumen MH	LED 50
12,000 lumen RSV	LED 50
20,000 lumen MH	LED 150
21,000 lumen MV	LED 150
22,000 lumen HPS	LED 150
33,000 lumen MH	LED 205
38,000 lumen RSV	LED 215
40,000 lumen MH	LED 205
60,000 lumen MV	LED 280
110,000 lumen MH	LED 530

* Whenever a comparable LED fixture is available, an LED fixture shall be installed; otherwise, the default fixture will be a comparable high pressure sodium source.

II. Overhead Service to Light Emitting Diode (LED) Lighting

The rate per fixture defined below will be billed for installations of DEP-approved lighting fixtures installed on Company's system distribution poles. Upon notification by Customer that 35% or greater of the light emitting diodes contained within the fixture are not burning, Company will perform as soon as practicable, during regular working hours, the necessary maintenance to restore illumination. The rate does not include the monthly charges for extra facilities, special lighting poles or posts, underground service, or any contribution required under this Schedule.

A. LED Rate (Standard Option):

<u>Fixture</u>	<u>Monthly Charge Per</u> <u>Fixture*</u>	<u>Monthly kWh Per</u> <u>Fixture</u>
LED 75	\$5.90 ¹	25
LED 105	8.46 ¹	35
LED 215	12.44 ¹	73
LED 205 Site Lighter	12.50	69

* In addition to the Rate, Customer shall pay a monthly charge of 1.0% times the cost difference between the estimated installed cost of a DEP-approved fixture and the LED fixture cost allowance for the stated lumen category in accordance with the EXTRA FACILITIES paragraph below. The monthly charge shall not be less than zero.

¹ The LED 75, LED 105, and LED 215 are not available to new installations under the Standard Option effective September 15, 2014.

- B. LED Rate (Customer-Ownership Option): The Customer-Ownership Option is not available for new installations effective September 15, 2014. Customer with existing installations installed prior to this date shall provide a DEP-approved LED fixture at no cost to Company for installation on Company's system distribution poles. Customer retains full ownership of the fixture and after removal from service will be picked up by the Customer.

The rate defined below will be billed for installation, operation and maintenance of Customer-owned lighting fixture. Customer shall provide a replacement fixture, if required, to maintain the lighting service.

<u>Fixture</u>	<u>Monthly Charge Per Fixture</u>	<u>Monthly kWh Per Fixture</u>
LED 75	\$5.14	25
LED 105	5.57	35
LED 215	7.07	73
LED 205 Site Lighter	6.93	69

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include an REPS Adjustment based upon the revenue classification:

- Commercial/Governmental Classification - \$7.96/month
- Industrial/Public Authority Classification - \$73.17/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

IV. Underground Service

For underground service, the monthly bill will be increased by \$3.21 per pole, or in lieu thereof, a one-time contribution of \$521.00 per pole. The monthly charge, if selected, may be terminated at any time upon payment by Customer of the one-time contribution. The monthly pole charge defined below will also be applicable to underground service.

V. Special Street Lighting Poles and Posts

	<u>Monthly Charge Per Pole or Post</u>
Wood	\$ 1.55
Metal*, Fiberglass, or Post	2.71
12-Foot Smooth Concrete Post**	9.49
Decorative Square Metal	10.44
16-Foot Smooth Concrete Post**	10.44
13-Foot Fluted Concrete Post**	14.25
Decorative Aluminum 12-Foot Post	17.09
Decorative 35- or 39-Foot Tapered Metal Pole	27.14
System Metal	0.93

* Metal will be installed in locations where fiberglass cannot be used as determined by Company.

** Concrete posts will not be available for new installations on and after August 1, 2007. Concrete posts or similar material posts, as determined by Company, will be offered in accordance with the Extra Facilities paragraph.

VI. Masterpiece Series Standard Facilities

Masterpiece Series Standard Facilities are deluxe decorative fixtures, posts, and brackets that are normally maintained in inventory by Company to meet the lighting needs of customers. The MONTHLY RATE for Masterpiece Series Standard Facilities is as follows:

Masterpiece Series Fixtures: In addition to the MONTHLY RATE Item I, for a 9,000 or 9,500 lumen fixture, Customer pays:

Masterpiece Series A Fixture	\$ 3.00
Masterpiece Series B Fixture	\$ 4.15

Masterpiece Series Decorative Posts:

Masterpiece Series A 12-Foot decorative metal post	\$17.09
Masterpiece Series A 16-Foot decorative metal post	\$20.89

Masterpiece Series Bracket:

Masterpiece Series A Twin Mounting Bracket	\$5.00
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EXTRA FACILITIES

In addition to the MONTHLY RATE, Customer shall pay a monthly facilities charge when facilities are requested that exceed facilities normally supplied by Company to render lighting service. Customer shall pay a Monthly Facilities Charge of 1.0 percent of the estimated original installed cost of the Special Facilities. Special Facilities that are considered to be above normal include, but are not limited to, the following:

- I. Upon Company review and approval, multiple lighting fixtures may be installed per pole. Special facilities shall be considered as the estimated installed cost of the facilities necessary to serve the multiple fixture installation in excess of that normally required to provide standard area lighting service.
- II. Special facilities shall include any distribution transformer and/or primary conductor extension.
- III. For a work request installing an underground circuit, special facilities shall include any conductor length in excess of an average of 250 feet per span. Customer may elect to make a nonrefundable contribution of the estimated installed cost of an underground circuit deemed to be Special facilities without being required to pay a monthly facilities charge.
- IV. Special Facilities shall include special nonstandard poles and posts not listed above in MONTHLY RATE.
- V. For nonstandard fixtures not included in the MONTHLY RATE provision above, the monthly charge will be the charge in accordance with the MONTHLY RATE and the Special Facilities shall be the difference between the estimated installed cost of the nonstandard fixture and the estimated installed cost of the equivalent standard fixture.
- VI. The cost of a bracket or mast arm in excess of the standard facilities for a given fixture type shall be considered as Special Facilities.

NONREFUNDABLE CONTRIBUTION

- I. In the event that rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, Customer will contribute the additional cost except when the Service Extension Provision as stated below is applicable.
- II. Customer will contribute the estimated cost of installing cables under paved or landscaped surface areas; however, Customer may cut and replace the pavement or surface in lieu of making the contribution.

- III. Service supplied under the MONTHLY RATE in this Schedule does not include the conversion of existing overhead street lighting circuits to underground. Should Customer desire such a conversion under this Schedule, Customer will pay to Company, in addition to the applicable contribution and charges herein, the estimated net investment depreciated, plus removal cost, less salvage value of the overhead conductor being removed.

SERVICE EXTENSION

The installation of lighting fixtures or poles shall be in a location that is readily accessible by a Company truck to support installation and maintenance of Company facilities.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than the following:

- (a) Ten years for standard and Masterpiece Series standard fixtures, poles, and posts, and
- (b) Twenty years for service utilizing fixtures, poles, and posts determined by Company as nonstandard or custom-designed.

GENERAL

Service rendered under this Schedule is subject to the provisions of Company's Street Lighting Service Regulations filed with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SLS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

**STREET LIGHTING SERVICE SCHEDULE SLR-51
(RESIDENTIAL SUBDIVISIONS AND NEIGHBORHOODS)**

AVAILABILITY

This Schedule is available for service supplied in the lighting of residential dedicated public streets by means of mercury vapor, light emitting diode or sodium vapor lighting units installed within residential subdivisions or neighborhoods, consisting of single or duplex dwelling units, located (1) outside the corporate limits of a municipality at the time of the installation or (2) inside the corporate limits of a municipality when the area served was subsequently annexed by the municipality after lighting service was first established. This Schedule is also available inside a municipality jointly served by a municipal-owned electric utility when the municipality approves a regulation or ordinance requiring its residents to individually pay for lighting service. The street lighting must conform to the installations set forth in the Monthly Rate paragraph.

This Schedule is not available to supply service for the lighting of parking lots, shopping centers, other public or commercial areas within the residential subdivision or neighborhood, or areas not specifically provided for by the provisions herein.

SERVICE

The service supplied by Company will include the installation of a street lighting system, according to Company's standards and requirements, which will be owned, maintained, and operated by Company, including the furnishing of the electricity required for the illumination of the lamps from dusk to dawn. Lighting units will be located by Company to provide the most uniform lighting possible in the residential area. The lumen ratings of the lighting units furnished under the Monthly Rate indicate the class of lamp.

MONTHLY RATE

The following amount will be added to each monthly bill rendered for residential electric service within the subdivision or neighborhood:

	<u>Monthly Charge Per Customer</u>
OVERHEAD DISTRIBUTION AREA:	
Bracket-mounted, enclosed luminaire on approved wood pole:	
1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	\$1.20
LED 50 light emitting diode	0.95
1 light per 5 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	2.40
LED 50 light emitting diode	1.91
1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.94
LED 50 light emitting diode	3.11
UNDERGROUND DISTRIBUTION AREA:	
Bracket-mounted, enclosed luminaire on approved wood pole:	
1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	1.66
LED 50 light emitting diode	1.36

1 light per 5 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.33
LED 50 light emitting diode	2.73

1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	5.49
LED 50 light emitting diode	4.49

Bracket-mounted, enclosed luminaire on standard fiberglass or metal* pole or approved direct burial post:

1 light per 10 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	1.89
LED 50 light emitting diode	1.58
LED 50 light emitting diode (post-top fixture)	1.96

1 light per 6 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	3.13
LED 50 light emitting diode	2.63
LED 50 light emitting diode (post-top fixture)	3.26

1 light per 3 customers or major fraction thereof:	
7,000 lumen mercury vapor ¹ or 9,500 lumen sodium vapor	6.24
LED 50 light emitting diode	5.21
LED 50 light emitting diode (post-top fixture)	6.44

*Metal will be installed in locations where fiberglass cannot be used as determined by Company on or after January 15, 1997.

Mercury vapor units converted before September 19, 1983, to 12,000 lumen retrofit sodium vapor units, add to mercury vapor prices:

If 1 light per 10 customers:	0.15
If 1 light per 5 customers:	0.29
If 1 light per 6 customers:	0.24

¹ Mercury vapor or retrofit sodium vapor fixtures are not available to new installations. Upon failure of the lamp, fixture or ballast or earlier pursuant to Commission Rule R8-47, these fixtures shall be replaced at no charge with a comparable LED 50 fixture. When a comparable LED fixture isn't available, a comparable sodium vapor fixture shall be installed.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

ANNEXATION CONSIDERATIONS

- I. If any of the following conditions exist, the developer of the subdivision or neighborhood will be required to obtain from the municipal governing agency its written approval of the street lighting service being provided under this Schedule and the number and location of the lights to be installed:
 - A. The subdivision or neighborhood abuts a boundary of the municipality.
 - B. It is known that the subdivision or neighborhood will be annexed into the municipality.
 - C. The municipal governing agency has enacted a subdivision or neighborhood control ordinance which applies to the subdivision or neighborhood or any portion thereof.

- II. If the subdivision or neighborhood is subsequently annexed and the municipality accepts the street lighting under a street lighting service contract on the rate for the equivalent lighting unit, the following will apply:
 - A. Overhead Distribution: If the municipality accepts the street lighting service under Street Lighting Service Schedule SLS, no monthly customer charge will be applied to the subdivision or neighborhood residents.
 - B. Underground Distribution: If the municipality accepts the street lighting service under Street Lighting Service Schedule SLS and agrees to pay the contribution under the schedule for the street lighting system, no monthly customer charge will be applied to the subdivision or neighborhood residents. If the municipality accepts the street lighting service but does not agree to pay the contribution for the underground system, the monthly customer charges will be reduced according to the following schedule:

Lights per Customer	Pole type	Monthly Customer Charge		
		7,000 lumen	9,500 lumen	LED 50
1 light per 10	Wood	\$0.30	\$0.41	\$0.38
1 light per 10	Post, Fiberglass or Metal	\$0.36	\$0.50	\$0.40
1 light per 5	Wood	\$0.56	\$0.75	\$0.76
1 light per 6	Post, Fiberglass or Metal	\$0.61	\$0.86	\$0.67
1 light per 3	Wood	\$0.66	\$0.90	\$1.26
1 light per 3	Post, Fiberglass or Metal	\$0.71	\$1.01	\$1.33

The retrofit 12,000 Lumen Sodium Vapor units will be reduced to the corresponding reduced 7,000 Lumen Mercury Vapor Monthly Customer Charge.

- III. If the subdivision or neighborhood is subsequently annexed and the municipality does not accept the installed street lighting under a street lighting service contract, the service will be provided under this Schedule with the applicable monthly charges. If the municipality initially accepts the installed street lighting under a street lighting service contract and subsequently terminates such lighting service contract, the service will be provided under this Schedule only upon approval of an authorizing ordinance requiring the municipal residents to pay the applicable monthly charges.

NONREFUNDABLE CONTRIBUTION

Normally, a contribution will not be required for service under this Schedule. Company will require a nonrefundable contribution from the developer under the following conditions:

- I. Unusual Circumstances: In the event rock, unstable soil, or other conditions require the use of materials and methods of installation other than Company's normal materials and methods, the developer will contribute the additional cost incurred thereby.
- II. Paved Areas: If Company has to install any portion of the street lighting system under existing paved areas, the developer will either cut and replace the pavement or contribute to Company the additional cost incurred to install its facilities under the paved area.
- III. Excess Circuitry: When any lighting unit is located so that the span of underground cable necessary to serve such unit exceeds 250 feet, the developer will contribute the sum of the estimated installed costs of all such overages within the subdivision or neighborhood.

EXISTING SUBDIVISIONS OR NEIGHBORHOODS

Street lighting service under this Schedule will be available in existing residential subdivisions or neighborhoods not previously receiving lighting service provided either Company receives a petition requesting this service signed by all the owners of residential lots within the subdivision or neighborhood or a municipality requests this service and approves an ordinance requiring residents to pay the applicable monthly charges. When the electrical distribution system within the subdivision or neighborhood is installed underground, the persons requesting the installation of the street lighting system will pay to

Company, in addition to any contribution required above, a nonrefundable contribution equal to the cost of trenching and backfilling necessary for the installation of the street lighting system. If a contribution is required under Excess Circuitry, that portion of trenching and backfilling included in such contribution will be excluded from the preceding requirement. Re-landscaping of the area necessary due to the installation of the street lighting system will be the responsibility of the residents within the subdivision or neighborhood. The appropriate monthly charge as set forth above will be applied to the monthly billings of all residents in the subdivision or neighborhood.

CONVERSION OF EXISTING LIGHTING SYSTEM

Street lighting installed pursuant to this schedule is subject to conversion upon request of an Applicant under the conditions stated below. An Applicant is a duly authorized representative of customers served under this Schedule with the authority to seek changes to the lighting system.

- I. Upon request of an Applicant, the street lighting may be converted to a different light type, light source or installation density provided all of the following conditions are met:
 - A. Applicant requesting a change in the street lighting system must submit a petition signed by all the owners of residential lots within the subdivision or neighborhood requesting the revised lighting service.
 - B. If the current lighting has been installed fewer than 20 years, Applicant must submit a payment of \$50 per fixture for fixture conversions on existing poles or \$500 per fixture if the change also involves a pole or post. If the change requires a redesign of the system layout, Applicant shall also pay any required Nonrefundable Contribution, as described in the above paragraph.
 - C. The converted lighting system must conform to the options offered under this Schedule and must be applicable to all lighting within the subdivision or neighborhood.
 - D. The new monthly rate shall apply immediately following completion of the revised lighting installation.
- II. Upon request of a Homeowners Association or other legal entity representing the interest of residents served under this Schedule, the street lighting may be converted to service under Street Lighting Service Schedule SLS provided all of the following conditions are met:
 - A. The Applicant must demonstrate legal authority to represent the interests of all land-owners within the subdivision or neighborhood. Absent this demonstration, the Applicant must submit a petition signed by all the owners of residential lots within the subdivision or neighborhood requesting conversion to Schedule SLS.
 - B. The Applicant must execute an Agreement for lighting service under Schedule SLS. The Agreement shall include a statement by the Applicant verifying that all residential land owners will be notified in writing prior to the conversion to lighting service under Schedule SLS and transfer of the lighting responsibilities to the Applicant. The Agreement shall also include a statement by the Applicant verifying that once service is established under Schedule SLS, the Applicant shall also be required to notify land owners in writing of any future changes to the lighting system including, but not limited to, potential disconnection of the lighting service due to nonpayment or termination of service.
 - C. The Applicant must demonstrate credit-worthiness or provide a deposit satisfactory to Company in case of default.
 - D. Following conversion of the street lighting to Schedule SLS, any change in the light type, light source or lighting design shall be made pursuant to the Street Lighting Service Regulations.

PAYMENTS

The monthly charges set forth under this Schedule will be billed in conjunction with the normal bill for residential service. The total of the bill so rendered shall be subject to the terms and conditions of the Service Regulations approved and on file with the state regulatory commission. Failure to pay the total bill rendered when due and payable shall constitute a failure to pay the bill for residential service.

CONTRACT PERIOD

The applicable monthly charge set forth in this Schedule shall be applied to the monthly billings of all residents in the subdivision or neighborhood as long as street lighting service is provided under any of the conditions as set out herein.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SLR-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

SPORTS FIELD LIGHTING
SCHEDULE SFLS-51

AVAILABILITY

This Schedule is available for electric service used for lighting specifically designed for outdoor fields which are normally used for football, baseball, softball, tennis, races, and other organized competitive sports.

This Schedule is not available for breakdown, standby, supplementary, or resale service.

APPLICABILITY

This Schedule is applicable to all electric service of the same available type supplied to Customer's premises at one point of delivery through one meter.

TYPE OF SERVICE

The types of service to which this Schedule is applicable are alternating current, 60 hertz, either single-phase 2 wires, or three-phase 3 or 4 wires, at Company's standard distribution voltage available for the area or the voltage at which an installation was served on December 1, 1973.

EXTENSION OF FACILITIES

Company will make the type of service agreed upon available to Customer, provided Customer will pay to Company the total estimated cost of extending or increasing the capacity of Company's facilities located on Company's side of the point of delivery, exclusive of the material cost of transformers and the entire cost of the meter installation.

MONTHLY RATE

I. For Single-Phase Service:

- | | |
|---------------------------------|----------------|
| A. Basic Customer Charge | \$28.50 |
| B. Billing Demand: | \$1.24 per kW |
| C. Kilowatt-hour Energy Charge: | 6.222¢ per kWh |

II. For Three-Phase Service:

The bill computed for single-phase service plus \$7.00.

III. Renewable Energy Portfolio Standard (REPS) Adjustment:

The monthly bill shall include a REPS Adjustment based upon the revenue classification:

Commercial/Governmental Classification - \$7.96/month

Upon written request, only one REPS Adjustment shall apply to premises serving the same customer for all accounts of the same revenue classification. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts regardless of their revenue classification (see Annual Billing Adjustments Rider BA).

BILLING DEMAND

The Billing Demand shall be the maximum kW registered or computed, by or from Company's metering facilities, during any 15-minute interval within the current billing month, but not less than the maximum kW previously registered during the current season (period of continuous connection).

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

BILLING

The billing to Customer will be continuous from the beginning to the end of each complete season or period of special use, and service will not be disconnected until the end of each complete season or period of special use. If the season or period of use is for less than 30 consecutive days, Customer will be billed the estimated cost of connecting and disconnecting service, which estimated cost shall not be less than \$17.00.

PAYMENTS

Bills are due when rendered and are payable within 15 days from the date of the bill. If any bill is not so paid, Company has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of twenty-five (25) days from the date of the bill is subject to an additional charge of 1% per month as provided in Rule R12-9 of the Rules and Regulations of the North Carolina Utilities Commission.

CONTRACT PERIOD

The Contract Period shall not be less than one month, unless Customer agrees to pay the estimated cost of connection and disconnection, which estimated cost shall be \$17.00.

GENERAL

Service rendered under this Schedule is subject to the provisions of the Service Regulations of the Company on file with the state regulatory commission.

ADDITIONAL CHARGES

The MONTHLY RATE includes fuel, DSM, and EE Billing Adjustment Factors set forth in Annual Billing Adjustments Rider BA, Excess Deferred Income Tax Rider EDIT, Joint Agency Asset Rider JAA, Fuel EMF Deficiency Rider, and JRR Recovery Rider JRRR.

Supersedes Schedule SFLS-50

Effective for service rendered on and after December 1, 2018

NCUC Docket No. E-2, Subs 1142, 1173, 1175, 1176, and 1188 and Docket No. M-100, Sub 148

ANNUAL BILLING ADJUSTMENTS
RIDER BA-18

APPLICABILITY – RATES INCLUDED IN TARIFF CHARGES

The rates shown below are included in the MONTHLY RATE provision in each schedule identified in the table below:

Billing Adjustment Factors (¢/kWh)*					
Rate Class	Fuel and Fuel-Related Adjustment		DSM and EE Adjustment		Net Adjustment
	Rate ⁽¹⁾	EMF ⁽²⁾	Rate ⁽³⁾	EMF ⁽⁴⁾	
Residential Applicable to Schedules: RES, R-TOUD, & R-TOU	0.318	0.576	0.594	0.016	1.504
Small General Service Applicable to Schedules: SGS, SGS-TOUE, SGS-TOU-CLR, TSF & TSS	0.469	0.364	0.574 (EE Only) 0.058 (DSM Only)	0.008 (EE Only) (0.017) (DSM Only)	1.456
Medium General Service Applicable to Schedules: MGS, SGS-TOU, SI, CH-TOUE, GS-TES, APH-TES, CSG, CSE	0.046	0.343	0.574 (EE Only) 0.058 (DSM Only)	0.008 (EE Only) (0.017) (DSM Only)	1.012
Large General Service Applicable to Schedules: LGS, LGS-TOU, LGS-RTP	(0.497)	1.039	0.574 (EE Only) 0.058 (DSM Only)	0.008 (EE Only) (0.017) (DSM Only)	1.165
Lighting Applicable to Schedules: ALS, SLS, SLR & SFLS	1.657	0.886	0.107 (EE Only) 0.000 (DSM Only)	(0.001) (EE Only) 0.000 (DSM Only)	2.649

* Billing Adjustment Factors, shown above, includes a North Carolina regulatory fee.

Billing Adjustment Factors Description:

- (1) The Fuel and Fuel-Related Adjustment Rate is adjusted annually to reflect incremental changes in the costs of fuel and fuel-related costs from the rates approved in the last general rate case.
- (2) The Fuel and Fuel-Related Adjustment Experience Modification Factor (EMF) is adjusted annually to reflect the difference between reasonable and prudently incurred fuel and fuel-related costs and the fuel and fuel-related revenues realized during a test period under review and shall remain in effect for a fixed 12 month period.
- (3) The Demand Side Management (DSM) and Energy Efficiency (EE) Rates are adjusted annually to reflect the costs and incentives associated with DSM and EE measures and programs approved by the North Carolina Utilities Commission.
- (4) The DSM and EE Experience Modification Factors (DSM EMF and EE EMF) are adjusted annually to reflect the difference between reasonable and prudently incurred DSM and EE costs and incentives and DSM and EE revenues realized during the period under review and shall remain in effect for a fixed 12 month period.

The fuel rate included in base tariff rates effective March 16, 2018 are 1.996¢/kWh for RES, 2.091¢/kWh for SGS, 2.434¢/kWh for MGS, 2.256¢/kWh for LGS and 0.597¢/kWh for Lighting, including the North

Carolina regulatory fee.

Demand Side Management and Energy Efficiency “Opt-Out” Option

North Carolina Utilities Commission Rule R8-69(e) allows commercial customers with annual consumption of 1,000,000 kWh or greater in the billing months of the prior calendar year and all industrial customers to elect to not participate in either or both (1) any utility-offered DSM or (2) any utility-offered EE program and, after written notification to the utility, not be subject to either or both the DSM or EE Rates and EMFs, as applicable and as shown above. For purposes of application of this option, a customer is defined to be a metered account billed under a single application of a Company rate tariff. For commercial accounts, once one account meets the opt-out eligibility requirement, all other accounts billed to the same entity with lesser annual usage located on the same or contiguous properties are also eligible to opt-out in the same manner from paying either or both of the DSM and EE Rates and EMFs. Since these rates are included in the rate tariff charges, Customers electing this option shall receive either or both of the following DSM and EE Credit(s) on their monthly bill statement:

DSM Opt-Out Credit = Billed kWh times the sum of the DSM Rate and EMF*
 EE Opt-Out Credit = Billed kWh times the sum of the EE Rate and EMF*

* The DSM and EE Rates and EMFs shall be as shown in the above table for the schedule applicable to Customer’s monthly bill.

Following the December bill each year, usage for commercial accounts electing to “opt-out” of the DSM/EE rates shall be reviewed and the customer shall be notified and removed from the “opt-out” option if annual consumption is less than 1,000,000 kWh in the prior twelve months.

APPLICABILITY – RATES NOT INCLUDED IN TARIFF CHARGES

The rates shown below are not included in the MONTHLY RATE provision of the applicable schedule used in billing and shall therefore be added to Customer’s monthly bill statement:

Billing Adjustment Factors Per Customer (\$/month)*			
Revenue Class	REPS Rate ⁽⁵⁾	REPS EMF ⁽⁶⁾	Net Billing Rate
Residential	\$ 1.30 per month	\$0.12 per month	\$ 1.42 per month
Commercial/Public Streets and Highways	\$ 8.62 per month	(\$0.66) per month	\$ 7.96 per month
Industrial/Public Authority	\$ 65.05 per month	\$8.12 per month	\$73.17 per month

* Billing Adjustment Factors, shown above, includes a North Carolina regulatory fee.

For purposes of the applicability of the Renewable Energy Portfolio Standard (REPS) Billing Adjustment Factors, a “Customer” is defined as all accounts (metered and unmetered) serving the same customer of the same revenue classification located on the same or contiguous properties. If a customer has accounts which serve in an auxiliary role to a main account on the same premises, no REPS charge should apply to the auxiliary accounts, regardless of their revenue classification. Upon written notification from Customer, accounts meeting these criteria shall be coded in the billing system to allow Customer to receive only one monthly REPS charge for all identified accounts.

Billing Adjustment Factors Description:

- (5) The REPS Rate is adjusted annually to reflect research and development costs and incremental costs incurred to comply with the state's Renewable Energy and Energy Efficiency Portfolio Standard (REPS).
- (6) The REPS Experience Modification Factor (REPS EMF) Rate is adjusted annually to recover the difference between reasonable and prudently incurred REPS costs and REPS revenues realized during the period under review and shall remain in effect for a fixed 12 month period.

SALES TAX

To the above charges will be added any applicable North Carolina Sales Tax.

The Fuel and Fuel-Related Adjustment EMF and REPS EMF are effective for service rendered through November 30, 2019. The DSM EMF and EE EMF are effective for service rendered through December 31, 2018.

Supersedes Rider BA-17
Effective for service rendered on and after December 1, 2018
NCUC Docket No. E-2, Subs 1142 and 1173

JOINT AGENCY ASSET RIDER JAA-3

APPLICABILITY

The rates shown below are included in the MONTHLY RATE provision in each residential, general service and lighting schedule. This adjustment recovers the costs associated with the acquisition of generation assets from North Carolina Eastern Municipal Power Agency.

MONTHLY RATE

A incremental rider for each rate class as follows:

Rate Class	Applicable Schedule(s)	Incremental Rate*
Non-Demand Rate Class (dollars per kilowatt-hour)		
Residential	RES, R-TOUD, R-TOUE, R-TOU	0.00441
Small General Service	SGS, SGS-TOUE	0.00498
Medium General Service	CH-TOUE, CSE, CSG	0.00372
Seasonal and Intermittent Service	SI	0.00449
Traffic Signal Service	TSS, TFS	0.00237
Outdoor Lighting Service	ALS, SLS, SLR, SFLS	0.00000
Demand Rate Classes (dollars per kilowatt)		
Medium General Service	MGS, GS-TES, AP-TES, SGS-TOU	1.17
Large General Service	LGS, LGS-TOU	1.36

* Incremental Rates, shown above, include North Carolina regulatory fee.

Supersedes Schedule JAA-2
Effective for service rendered on and after December 1, 2018
NCUC Docket No. E-2, Sub 1176

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Progress, LLC's Compliance Tariffs, in Docket No. E-2, Subs 1142, 1173, 1175, 1176 and 1188, has been served by hand delivery, depositing a copy in the United States Mail, first class postage prepaid, or by electronic mail, properly addressed to the following parties of record:

David Drooz, Chief Counsel
Dianna Downey, Counsel
Lucy Edmondson, Counsel
Public Staff
North Carolina Utilities Commission
4326 Mail Service Center
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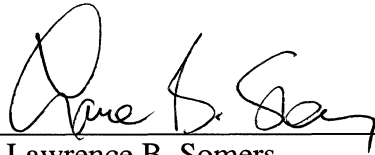
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