

SCHEDULE LGS – RTP ECONOMIC DEVELOPMENT
DAY-AHEAD HOURLY PRICING, LARGE GENERAL SERVICE
EXPERIMENTAL

I. APPLICABILITY AND AVAILABILITY

- A. Service under this schedule is applicable on a voluntary basis to a nonresidential Customer, who requires permanent service and is not classified as Retail Trade or Public Administration by the North American Industry Classification System (“NAICS”) Manual published by the United States Government, as of the Customer’s effective date for billing under this schedule.
- B. In this schedule, the terms below shall have the following definitions:
1. “Monthly Peak Demand” shall mean the Customer’s highest measured average 30-minute interval demand during the billing month.
 2. “Contract Anniversary Date” shall mean the Customer’s effective date for service under this schedule at the Customer’s service location.
 3. “New Customer” shall be defined in accordance with all of the following:
 - a. Was not a retail electric service customer within the Company’s North Carolina service territory as of the effective date of this schedule; and
 - b. Was not a retail electric service customer within the Company’s North Carolina service territory during any portion of the two-year period immediately preceding the effective date of this schedule; and
 - c. Established at least one actual Monthly Peak Demand of 10,000 kW or more – but not more than 50,000 kW – during the current and previous 11 consecutive billing months.
 4. “New Load” shall mean additional separately-metered load in excess of the Customer’s highest existing Monthly Peak Demand served by the Company at the Customer’s service location during the current and previous 11 consecutive billing months, prior to the Customer or the New Customer, as defined in Paragraph I.B., above, taking service under this schedule.

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Electric-North Carolina

Superseding Filing Effective For Usage On and After
11-01-19 On a Temporary Basis, Subject to
Refund. This Filing Effective For Usage On and After
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I. APPLICABILITY AND AVAILABILITY (Continued)

- C. Subject to a limitation of six (6) nonresidential Customers where three (3) spaces shall be reserved for New Customers, this schedule is available only where:
1. Due to an expansion at the Customer's service location, the Customer has added at least 10,000 kW of New Load at one Delivery Point, which shall be separately metered, and – when combined with the Customer's existing highest measured average 30-minute interval demand during the current and preceding 11 consecutive billing months – shall not exceed 50,000 kW; or
 2. A New Customer has added at least 10,000 kW – not to exceed 50,000 kW – of New Load at one Delivery Point, which shall be separately metered, at the New Customer's service location; and
 3. To qualify for service under this schedule, the Customer, including a New Customer, must satisfy all of the following criteria:
 - a. The Customer, including a New Customer, must employ an additional workforce in the Company's North Carolina service territory of a minimum of seventy-five (75) full time equivalent ("FTE") employees. Employment additions must occur following the Company's approval for service under this schedule.
 - b. The Customer, including a New Customer, must complete an application for service under this schedule and receive Company approval of such application before the Customer may receive service hereunder. The application must include a description of the amount of and nature of the New Load. In the application, the Customer must affirm, by means of a signed affidavit, that this schedule was instrumental in the Customer's decision to locate or add the New Load in the Company's North Carolina service territory. The application shall also specify the total number of FTE employees employed by the Customer at the Customer's service location, receiving electric service from the Company's system, at the time of the application for this schedule, and on the Operational Date.

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I. APPLICABILITY AND AVAILABILITY (Continued)

4. If the Customer, including a New Customer, no longer meets the requirements of this schedule, the Customer shall be required to terminate service under this schedule beginning with the Customer's next Contract Anniversary Date. Thereafter, (i) the Customer shall be billed on an alternate, applicable rate schedule, (ii) the Customer's space on this schedule shall be made available to other customers, and (iii) this schedule shall not be available to the Customer for the following consecutive 12-month billing period. Subsequent to such time, the Customer must satisfy all of the requirements in Paragraph I. of this schedule to be served under this schedule in the future – pending space availability.
- D. In addition to the availability criteria listed above in this Paragraph I., this schedule shall not be available until the all of the following occur:
1. The Company has installed any metering equipment that it deems to be necessary to measure properly the demands and energy usage of the Customer, including a New Customer, at the Customer's service location; and
 2. If applicable, the Customer, including a New Customer, has installed and has provided the Company with access to mutually agreed upon communication technology necessary for the Company to communicate with its metering equipment; and
 3. The Company may require up to sixty (60) days after all of the criteria in Paragraph I. of this schedule are met to provide service under this schedule to the Customer, including a New Customer.
- E. The provisions of this schedule may be modified in a general rate case proceeding for the Company.
- F. This experimental schedule shall terminate on December 31, 2022, subject to the provisions of Paragraph IX. of this schedule, shall be withdrawn from service, and shall no longer be available to the Customer at the Customer's service location. Upon such termination and withdrawal, the Customer shall select an applicable, alternative schedule. However, this schedule may be extended at the Company's request and with Commission approval.

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II. 30- DAY RATE

The following charges shall apply.

- A. Basic Customer Charge \$78.98 per billing month
- B. Plus Distribution Contract Demand Charge
 - 1. Primary Service
All kW of distribution contract billing demand @ \$1.006 per kW
 - 2. Secondary Service
All kW of distribution contract billing demand @ \$1.509 per kW
- C. Plus Transmission Demand Charge
All kW of transmission billing demand @ \$3.109 per kW
- D. Plus Energy Charge
The Customer's usage, by hour, shall be multiplied by the Hourly Energy Rate applicable for the hour as determined in accordance with Paragraph VI., below.
- E. Plus Capacity Surcharge
For select hours only as described below @ 42.60¢ per kWh Usage
billed at the Capacity Surcharge shall be the Customer's hourly usage during those hours when the Capacity Surcharge applies.
- F. Where the Customer is served at a voltage below 2 kV, the Energy Charge in Paragraph II.D., above, and the Capacity Surcharge in Paragraph II.E., above, shall be increased by 2%.

III. DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS

The following on-peak and off-peak hours are applicable to the billing of all charges stated in this schedule.

- A. On-peak hours are as follows:
 - 1. For the period of June 1 through September 30, 10 a.m. to 10 p.m.
 - 2. For the period of October 1 through May 31, 7 a.m. to 10 p.m.
- B. All hours not specified in Paragraph III.A., above, are off-peak.

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IV. DETERMINATION OF DISTRIBUTION PEAK DEMAND AND DISTRIBUTION CONTRACT DEMAND

- A. The Company may install metering equipment necessary to determine both the average kW demand during a 30-minute interval and the average kVA demand during a 30-minute interval. The Distribution Peak Demand for the current billing month shall be the higher of:
1. The highest average kW demand measured during the current billing month; or
 2. 85% of the highest average kVA demand measured during the current billing month.
- B. The Distribution Contract Demand billed under Paragraph II.B., above, shall be the maximum demand the Company is to supply, but not less than 10,000 kW. In the event that the Distribution Peak Demand determined for the current billing month exceeds the Distribution Contract Demand, the Distribution Contract Demand shall be increased by such excess demand.
- C. Where the service voltage is equal to or greater than 2,000 Volts, the Distribution Contract Demand will be billed at the charge in Paragraph II.B.1., above. Where the service voltage is less than 2,000 Volts, the Distribution Contract Demand will be billed at the charge in Paragraph II.B.2., above. The Distribution Contract Demand shall be billed only where the service voltage is less than 69 kV.

V. DETERMINATION OF TRANSMISSION DEMAND

The kW of demand billed under Paragraph II.C., above, shall be the highest of:

- A. The highest average kW measured in any 30-minute interval of the current billing month during the on-peak hours;
- B. 75% of the highest kW of demand at this location as determined under Paragraph V. A., above, during the billing months of June through September of the preceding 11 billing months;
- C. 1,000 kW.

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VI. DETERMINATION OF HOURLY ENERGY RATE

The Hourly Energy Rate applicable for each hour of a specific day will be determined based upon the following formula, rounded to the nearest one-thousandth of a cent:

$$\text{Hourly Energy Rate} = [(\text{LMP} \times \text{L}) + \text{ADDER}] \times (1 + \text{T})$$

Where:

LMP = the PJM Day-Ahead Locational Marginal Price (“LMP”) for the applicable PJM load zone

L = Line loss adjustment

Service at Primary Voltage Adjustment Factor = 1.014218

Service at Secondary Voltage Adjustment Factor = 1.039727

ADDER = (6LAVG – (LMP x L)) x 0.2 but not less than \$0.002398 per kWh

Where:

$$6\text{LAVG} = (6\text{LNONFUELAVG} + 6\text{LBASEFUEL} + 6\text{LFUELRIDERS})$$

$$6\text{LNONFUELAVG} = \$0.032740 \text{ per kWh or}$$

Basic Revenue Per kWh for Power Supply and Energy Excluding Transmission and Fuel Clause for Schedule 6L determined from Workpaper Supporting Compliance Filing in Docket E-22, Sub 562.

6LBASEFUEL = Current Base Fuel Rate per kWh Applicable to Schedule 6L

6LFUELRIDERS = Sum of All Fuel Riders per kWh Applicable to Schedule 6L

T = North Carolina Regulatory Fee = 0.13%

The Hourly Energy Rate includes the Company’s base fuel component and all applicable per-kilowatt-hour riders that are approved for billing by the Commission.

Each hour of the day is a distinct pricing period. The initial pricing period of the day is the one-hour period beginning at 12:00 midnight and ending at 1:00 a.m. The last pricing period of the day begins at 11:00 p.m. and ends at 12:00 midnight.

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VII. DETERMINATION OF LMP

- A. The LMP component of the Hourly Energy Rate, as defined in Paragraph VI., above, shall mean the respective hourly PJM Day-Ahead Locational Marginal Price for the applicable PJM load zone, or any successor thereto, which includes the Customer's service location. In the event of any future change in PJM's process for determining the price reflecting the cost to procure energy in the PJM market to serve the Customer's Energy, the Day-ahead LMP shall represent the similar or like method used by PJM for determining the Day-ahead LMP.
- B. Any reference to "PJM" in this schedule shall mean the PJM Interconnection, LLC (Pennsylvania-New Jersey-Maryland Interconnection, LLC), or any successor, that is the regional transmission organization and is part of the Eastern Interconnection grid that operates an electric transmission system.

VIII. APPLICATION / NOTIFICATION OF CAPACITY SURCHARGE

- A. The Capacity Surcharge rate will apply for no more than 150 hours during any calendar year. Typically, such hours will coincide with curtailment requests in accordance with Schedule 6C and when notification is provided under Schedule 6VP that the Capacity Surcharge applies. Factors considered by the Company in determining whether or not the Capacity Surcharge will apply include, but are not limited to: (i) the Company's reserve margin, (ii) the Company's system load, (iii) unanticipated high marginal operating costs, (iv) the year-to-date number of Constraint Adder hours applied, (v) whether or not the Company has implemented curtailment under Schedule 6C, the Capacity Surcharge under Schedule 6VP and/or classified a day as "A" in accordance with Schedule 10. The Company will provide no less than two hours' notice of Capacity Surcharge application.
- B. A primary and secondary notification procedure shall be established which are mutually agreeable to the Customer and the Company. In the event that such procedures require a dedicated telephone line, such line shall be provided at the Customer's expense.

IX. TERM OF CONTRACT

- A. For Customers, including New Customers, the term of contract under this schedule shall be for not less than four (4) years and shall not be renewed. Any Customer electing to transition service to this schedule shall remain on this schedule for a minimum of four (4) years.

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IX. TERM OF CONTRACT (Continued)

- B. Notwithstanding the provisions of Paragraph IX.A., above, if the minimum four (4)-year term in accordance with Paragraph IX.A., above, has not been satisfied, this schedule shall terminate four (4) years after the effective date of this schedule to the Customer, at the Customer's service location.
- C. This schedule shall be withdrawn from service and shall no longer be available to the Customer at the Customer's service location on the latter of December 31, 2022 or the conclusion of the Customer's initial four (4)-year term.
- D. Notwithstanding the provisions of Paragraph IX.A., above, this schedule may be extended upon Company request and Commission approval.

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