

SCHEDULE LGS – RTP WITH CUSTOMER BASELINE LOAD
DAY-AHEAD HOURLY PRICING, LARGE GENERAL SERVICE
EXPERIMENTAL

I. APPLICABILITY

- A. Service under this schedule is applicable on a voluntary basis to a nonresidential Customer who requires permanent service and who receives service from the Company in accordance with the companion Schedule 6L as of the Customer's effective date for billing under this schedule.
- B. The Customer shall be billed on this schedule in conjunction with Schedule 6L.
- C. Rider EDR shall not be applicable to Customers taking service from the Company under this schedule.

II. AVAILABILITY

- A. 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 3,000 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 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 II.A.3., above, taking service under this schedule.

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Superseding Filing Effective For Usage On and After
11-01-19. This Filing Effective For Usage Through
and Including the Earlier of 03-31-23 or the Effective
Date of a Revised Schedule LGS-RTP-CBL.

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(Continued)

II. AVAILABILITY (Continued)

- B. Subject to a limitation of fifteen (15) nonresidential Customers where five (5) spaces shall be reserved for New Customers, this schedule is available only where:
1. The Customer has established an actual Monthly Peak Demand of 3,000 kW or more – not to exceed 50,000 kW – during at least three (3) billing months within the current and previous 11 consecutive billing months, immediately prior to the Customer’s effective date for service under this schedule at the Customer’s service location; or
 2. A New Customer has added New Load of at least 3,000 kW at the New Customer’s new service location; and
 3. If the 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 both Paragraph I., above, and this Paragraph II. to be served under this schedule again – pending space availability.
- C. In addition to the availability criteria listed above in this Paragraph II., 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. and Paragraph II. of this schedule are met to provide service under this schedule to the Customer, including a New Customer.

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(Continued)

II. AVAILABILITY (Continued)

- D. A customer baseline load (“CBL”) shall be established for the Customer, including a New Customer, as set forth in Paragraph VI., below.
- 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 March 31, 2023, subject to the provisions of Paragraph XI. 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. This schedule has been extended at the Company’s request and with Commission approval through and including the earlier of March 31, 2023, or the effective date of a revised Schedule LGS-RTP-CBL.

III. BILLING MODIFICATIONS TO COMPANION SCHEDULE 6L

- A. Schedule 6L is a companion to this schedule.
- B. Billing under the companion Schedule 6L shall be for the CBL and all consumption less than the CBL in each hour.

IV. 30-DAY RATE

The following charges shall apply in addition to the charges applicable from the companion Schedule 6L, as modified in accordance with Paragraph III., above.

- A. Transmission Demand Charge
All kW of transmission billing demand @ \$3.109 per kW
- B. Plus Energy Charge
The Customer’s usage, by hour, for load above the CBL shall be multiplied by the Hourly Energy Rate applicable for the hour as determined in accordance with Paragraph VIII., below.
- C. 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 above the CBL during those hours when the Capacity Surcharge applies.
- D. Where the Customer is served at a voltage below 2 kV, the Energy Charge in Paragraph IV.B., above, and the Capacity Surcharge in Paragraph IV.C., above, shall be increased by 2%.

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V. 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 V.A., above, are off-peak.

VI. DETERMINATION OF CUSTOMER BASELINE LOAD

A. A Customer, including a New Customer, electing this schedule shall have a customer baseline load (“CBL”). As described below, the Customer’s CBL shall be established for a percentage of the Customer’s maximum measured average 30-minute interval demand at the Customer’s service location, during the on-peak hours of the billing months of June through September, occurring in the current and preceding 11 consecutive billing months, immediately prior to the Customer’s taking service under this schedule (“Peak Summer Demand”).

1. The CBL shall be the kW of demand which shall be applied to the Customer’s consumption to determine hourly kilowatt-hours and the kW of Transmission Demand subject to billing under this schedule. All Distribution Demand Charges shall be billed under Paragraph II.C. of Schedule 6L.
2. Once established, the CBL cannot be reset to a lower level until the Customer’s next Contract Anniversary Date which occurs subsequent to the effective date of this schedule to the Customer, in accordance with Paragraph VI.E., below. If the Customer’s maximum Monthly Peak Demand increases after establishment of the CBL, the percentage of demand served under this schedule can increase up to 50% of the Customer’s maximum Monthly Peak Demand. If the CBL falls below 50% of the Customer’s maximum Monthly Peak Demand, the CBL will be increased to 50% of the Customer’s maximum Monthly Peak Demand effective with the next bill month.

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VI. DETERMINATION OF CUSTOMER BASELINE LOAD (Continued)

- B. A Customer and a New Customer (after satisfying all of the criteria in Paragraph II.A.3., above) will be permitted to establish a CBL in accordance with the following:
1. A Customer will select a CBL greater than or equal to 75% of the Customer's Peak Summer Demand; or
 2. A New Customer, who has established a Monthly Peak Demand of 3,000 kW or more during the on-peak hours of any billing month in the 11 consecutive billing months immediately prior to the effective date of this schedule to the New Customer, will select a CBL equal to 50% of the higher of the following: (i) the New Customer's maximum on-peak Monthly Peak Demand, described above, or (ii) the New Customer's maximum kW of demand from the New Customer's load letter;
- C. After initially taking service from the Company under any applicable rate schedule, the New Customer has up to twelve (12) billing months to elect service under this schedule and to establish a CBL in accordance with Paragraph VI.B., above.
- D. For all Customers, including New Customers, after the Customer's fourth Contract Anniversary Date under this schedule, the CBL shall be reset to greater than or equal to 75% of the Customer's maximum on-peak Monthly Peak Demand during the billing months of June through September in the current and previous 11 consecutive billing months, immediately prior to the Customer's Contract Anniversary Date.
- E. Subject to the provisions of this schedule, the Customer may request annually to revise the CBL, by providing the Company with 30-days written notice prior to the Customer's Contract Anniversary Date. Any revision to the CBL shall become effective with the Customer's Contract Anniversary Date.

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VII. DETERMINATION OF TRANSMISSION DEMAND

The kW of demand billed under Paragraph IV.A., 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 less the CBL, but not less than zero;
- B. 75% of the highest kW of demand at this location as determined under Paragraph VII.A., above, during the billing months of June through September of the preceding 11 billing months less the CBL, but not less than zero;
- C. 1,000 kW.

VIII. 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

$$\text{ADDER} = (6\text{LAVG} - (\text{LMP} \times \text{L})) \times 0.2 \text{ but not less than } \$0.002398 \text{ per kWh}$$

Where:

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

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

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VIII. DETERMINATION OF HOURLY ENERGY RATE (Continued)

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.

IX. DETERMINATION OF LMP

- A. The LMP component of the Hourly Energy Rate, as defined in Paragraph VIII., 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.

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X. 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.

XI. TERM OF CONTRACT

- A. For Customers, including New Customers, the term of contract under this schedule shall be for not less than one (1) year, continuing thereafter for one (1)-year terms, unless either party provides sixty (60) days written notice of termination prior to the end of the then-current term.
- B. Notwithstanding the provisions of Paragraph XI.A., above, and after the conclusion of the Customer's initial one-year term under this schedule, if any then-current minimum one (1)-year term in accordance with Paragraph XI.A., above, has not been satisfied, this schedule shall terminate at the conclusion of the Customer's then-current one (1)-year term.
- 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: (i) the earlier of March 31, 2023, or the effective date of a revised Schedule LGS-RTP-CBL, (ii) the conclusion of the Customer's initial one (1)-year term, or (iii) the end of the Customer's then-current one (1)-year term.
- D. Notwithstanding the provisions of Paragraph XI. of this schedule, this schedule may be extended upon Company request and Commission approval.

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