

# RATE SCHEDULE LP-4

## Loup Large Light and Power – Subtransmission Delivery with Customer Generation Under Buy/Sell Concept

Loup River Public Power District

### **AVAILABLE**

Within the service area of the District from lines of 115,000 volts or 34,500 volts.

### **APPLICABLE**

To any customer whose requirements are taken at a point or points determined by the District under a contract of standard form, where the customer's total monthly demand load exceeds 20,000 kilowatts and the customer takes delivery on the secondary side of a District Substation on the customer's property. (Not applicable to resale, standby or auxiliary service.)

In addition, this schedule is applicable to a customer who has generation that meets the definitions included in Nebraska Public Power District's GFPS Rate Schedule and SPP No. 2 to the GFPS Rate Schedule and has entered into a "buy/sell" power purchase agreement with the District and Nebraska Public Power District.

### **CHARACTER OF SERVICE**

A.C. 60 Hertz, three-phase, at any of the District's standard voltages.

### **RATE**

Customer Service Charge: \$1,000.00 per month.

#### **Production Demand Charge:**

Summer: \$15.54 per kilowatt per month of the summer production billing demand

Winter: \$12.33 per kilowatt per month of the monthly winter production billing demand

#### **Transmission Line Charge:**

\$4.07 per kilowatt per month of the transmission line billing demand

#### **Ancillary Services Charge – Reactive and Voltage Control:**

\$0.18 per kilowatt per month of the ancillary services billing demand

#### **Transmission Substation Charge:**

\$0.58 per kilowatt per month of the transmission substation billing demand

#### **Subtransmission Line Charge:**

\$0.54 per kilowatt per month of the subtransmission line billing demand

#### **Subtransmission Substation Charge:**

\$0.49 per kilowatt per month of the subtransmission substation billing demand

#### **Production Energy Charge:**

Summer Energy Season:

On-Peak: \$0.03419 per kilowatt hour

Off-Peak: \$0.02113 per kilowatt hour

Winter Energy Season:

On-Peak: \$0.03167 per kilowatt hour

Off-Peak: \$0.02463 per kilowatt hour

#### **Ancillary Services Charge – Regulation Up, Regulation Down, Spinning Reserve and Supplemental Reserve:**

\$0.00029 per kilowatt hour

*The above energy charges are also subject to the Production Cost Adjustment.*

The payment amount for the customer generation sold to the Nebraska Public Power District will be as set forth and established in the power purchase agreement with the District and the Nebraska Public Power District. Payment for customer generation will be received directly from the Nebraska Public Power District.

### **SEASONAL DEMAND BILLING PERIODS**

**Summer:** Summer period is for the meter readings obtained during the four-month period from June 1 through September 30.

**Winter:** Winter period is for the meter readings obtained during the eight-month period from October 1 through May 31.

### **DETERMINATION OF PRODUCTION DEMAND BILLING DEMAND**

**Summer:** The average of the customer's highest integrated kilowatt load, which is coincident with the District's billing demands from the District's Power Supplier during On-Peak hours on each of four (4) separate days during the current billing period or the three (3) summer season monthly billing periods immediately preceding the current billing period with adjustments, if any, to each such load for (i) Loss Factor Adjustment and (ii) Power Factor Adjustment.

**Winter:** The customer's highest integrated kilowatt load, which is coincident with the District's billing demands from the District's Power Supplier during On-Peak hours of the current billing period, with adjustments, if any, to each such load for (i) Loss Factor Adjustment and (ii) Power Factor Adjustment.

The total load of the customer, including the load served by the customer's generator, will be used to determine the integrated kilowatt load.

### **DETERMINATION OF TRANSMISSION LINE SERVICES BILLING DEMAND**

The average of the customer's 12 monthly highest integrated kilowatt loads, which are coincident with the District's maximum monthly transmission system demands from the District's Power Supplier from the prior calendar year, with adjustments, if any, to each such load for (i) Loss Factor Adjustment and (ii) Power Factor Adjustment.

The total load of the customer, including the load served by the customer's generator, will be used to determine the integrated kilowatt load.

### **DETERMINATION OF ANCILLARY SERVICES BILLING DEMAND**

Billing Demands for Reactive Supply and Voltage Control Service shall be the same billing quantities used for billing the Transmission Line charges.

### **DETERMINATION OF TRANSMISSION SUBSTATION, SUBTRANSMISSION LINE AND SUBTRANSMISSION SUBSTATION BILLING DEMAND**

One hundred (100) percent of the customer's highest integrated kilowatt load during any hour of the current billing period or the preceding eleven (11) monthly billing periods with adjustments, if any, to each such load for (i) Loss Factor Adjustment and (ii) Power Factor Adjustment.

The total load of the customer, including the load served by the customer's generator, will be used to determine the integrated kilowatt load.

### **DEMAND BILLING HOURS**

The District's Power Supplier determines the On-Peak and Off-Peak billing hours. The District will cooperate with the customer to provide information on the District's, the District's Power Supplier, and customer's peak load and data on the On-Peak and Off-Peak demand billing hours. The customer is responsible for the arrangement and expense of transmitting the load and On-Peak and Off-Peak demand billing hours data from the District and the District's power supplier.

The District's On-Peak demand hours will be the same as those hours designated in Nebraska Public Power District's GFPS Rate Schedule Supplement No. 1. All other hours are considered to be Off-Peak demand hours.

Measured Demands during the above Off-Peak hours shall be waived for purposes of determining the production Billing Demands to the customer during the Billing Period. However, the Maximum Demands of the customer,

whether recorded during On-Peak or Off-Peak hours, shall be used for purposes of determining the Billing Demand for transmission line, ancillary service, transmission substation, subtransmission line and subtransmission substation charges.

**DEMAND WAIVER NOTIFICATION**

Official messages regarding demand waiver will be made by fax machine from the District’s Power Supplier. Each morning, except one (1) holiday (Labor Day), by approximately 9:15 a.m. during the summer season, the District’s Power Supplier will provide a message confirming if the demand will be waived for a portion or all of that particular day.

It is each customer’s responsibility to contact the designated Loup District representative if these messages are not received confirming if the demand will be waived for any portion of that particular day. The failure to receive these messages shall NOT relieve the customer of the obligation for whatever peak demand was established during that day.

All times listed above are based on either Central Standard Time or Central Daylight Savings Time, whichever is applicable.

**KILOWATT-HOUR BILLING DETERMINATION**

The total measured energy during the current billing period with kilowatt-hour loss factor adjustments to Bus A. For the monthly billing periods the on-peak and off-peak hours for energy are as follows:

Energy Season	On-Peak	Off-Peak
Summer	1001-2200 Mon-Sat	All Other Hours
Winter	0801-2200 Mon-Sat	All Other Hours

All hours on New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day shall be considered off-peak hours.

For the Ancillary Services Charge – Regulation Up, Regulation Down, Spinning Reserve, and Supplemental Reserve, the total measured energy during the entire billing period with kilowatt-hour loss factor adjustments to Bus A shall be used.

The total energy of the customer, including the energy served by the output of the customer’s generator, will be used to determine the measured energy.

**PRODUCTION AND TRANSMISSION LINE / ANCILLARY SERVICES DEMAND**

This rate schedule determines the customer’s integrated kilowatt load coincident with the District’s Measured Demands from the District’s Power Supplier, the Nebraska Public Power District. The customer’s demands will be the customer’s portion of the District’s wholesale billing demands.

**LOSS FACTOR ADJUSTMENT**

For billing purposes, all power and energy sold and purchased under this rate schedule shall be billed as if the power and energy were delivered at Bus A, which is defined as the point on the District’s system where the first transformation is made from 115 KV or above. In the event that the point of measurement is beyond Bus A, the measured power and energy shall be adjusted for losses back to Bus A. The multipliers to adjust the measured power and energy to Bus A shall be as determined by the District. The power and energy as so adjusted to Bus A shall be the billing demands and energy as provided in this rate schedule.

**PRODUCTION COST ADJUSTMENT (PCA)**

The kilowatt-hours supplied under this rate schedule are subject to the PCA. The PCA is an adjustment in the price of the energy portion of the rate due to variations in the cost of procuring or producing energy from those costs that are included in the rate schedules.

### **POWER FACTOR ADJUSTMENT**

At the option of the District, the District may adjust the demand to ninety-two (92) percent of the maximum KVA if the customer's power factor at each metering point, as determined by permanently installed meters, at or near the time of maximum demand is less than ninety-two (92) percent.

### **TRANSMISSION AND SUBTRANSMISSION FACILITIES**

Where the District has provided the facilities required for service hereunder from the subtransmission facilities of the District, the transmission substation, subtransmission line and subtransmission substation charges will be applied as follows:

1. Where the District has provided the high voltage transmission substation facilities required for the transformation from transmission level voltage to 34,500 volts or 12,500 volts, the transmission substation charge will be applicable to power and energy deliveries.
2. Where the District has provided both the subtransmission line and subtransmission substation facilities (i.e., facilities at a voltage of 34,500 volts), the subtransmission line and subtransmission substation charges will be applicable to power and energy deliveries. In the event the customer has provided the subtransmission substation facilities, only the subtransmission line charges will be applicable.

### **TERMS OF PAYMENT**

Bills are due and payable upon receipt and delinquent if not paid in twenty-one (21) days from date of issuance.

### **CONDITIONS**

1. Service will be furnished under the District's Customer Service Policy and special conditions as provided in contracts for service under this schedule.
2. In the case of equipment having abnormally low annual capacity factors or unusual operating characteristics, special minimum charges may be established by the District.
3. All conditions associated with the customer generation shall be as contained in Nebraska Public Power District's GFPS Rate Schedule and SPP No. 2 to the GFPS Rate Schedule.

Approved: December 21, 2021  
Effective: With bills rendered on and after March 1, 2022