

**CENTRAL VIRGINIA ELECTRIC COOPERATIVE**

P.O. Box 247  
Lovingsston, VA 22949  
800-367-2832

**CAPPED RATE SCHEDULE LP  
LARGE POWER SERVICE**

**AVAILABILITY**

Available to consumers of the Cooperative located on or near its three-phase lines whose load requirements exceed 50 kva on more than one occasion in 12 consecutive months.

**TYPE OF SERVICE**

Three-phase or single-phase service at standard secondary voltages may be provided in those instances where its usage will not be detrimental to the service of other consumers. Such service is available at standard primary voltages where the consumer's service is metered on the primary side of the consumer owned secondary transformer.

**MONTHLY RATE**

**Metering and Billing** Charge per month ..... \$ 40.00

**Distribution**

Basic Service Charge per month..... \$ 85.00  
Demand Charge per KW..... \$2.45  
Usage Charge per KWH ..... \$0.01409

**Energy**

Demand Charge per KW..... \$6.50  
Usage Charge per KWH ..... \$0.01800

The Metering and Billing Charges and the Distribution Charges for this rate may be discounted subject to the Capped Rate Discount as filed under Rate Schedule D per VA State Code Section 56-582. Energy charges are subject to the Power Cost Adjustment Rider as filed under Rate Schedule C.

**DISCOUNT FOR METERING AT PRIMARY VOLTAGE**

The demand and energy charges will be reduced by 3% when service is taken at primary voltage and the consumer owns and maintains all equipment on the load side of the meter.

**MINIMUM CHARGES**

The monthly minimum charge shall be the Metering and Billing Charge plus the Distribution Basic Service Charge plus the Facilities Charge, if any.

**FACILITIES CHARGE**

Facilities Charge shall be based on load requirements or transformer capacity, whichever is greater. For consumers whose load exceeds 50 kva or who require more than 50 kva transformer capacity, the monthly minimum Facilities Charge shall be applied for each kva over 50.

Facilities Charge, per kva for all kva over 50 ..... \$2.25

## SCHEDULE LP

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#### DETERMINATION OF MAXIMUM DEMAND

The maximum billing demand shall be the maximum kilowatt load used by the consumer for any fifteen (15) consecutive minutes during the month for which the bill is rendered as indicated or recorded by a maximum demand meter or lagged thermal demand meter installed by the Cooperative or as adjusted for power factor, whichever is the greater.

#### POWER FACTOR

The consumer agrees to maintain unity power factor as nearly as practicable. Where the overall power factor of a consumer's load is less than ninety percent (90%) lagging, the Cooperative will determine the billing demand by multiplying the maximum demand recorded by the meter during the month by ninety percent (90%) and dividing the product thus obtained by the higher of the monthly Average Power Factor or the monthly Peak Power Factor expressed in percent. The Cooperative reserves the right to measure power factor at any time. The Average Power Factor, the Peak Power Factor and Billing Demand shall be determined by the following formulas:

$$\text{Average Power Factor} = \frac{E}{\sqrt{E^2 + R^2}}$$

where E is the energy in kilowatt hours for the month and R is the reactive kilovolt ampere hours for the month.

$$\text{Peak Power Factor} = \frac{KW}{\sqrt{KW^2 + RKVA^2}}$$

where KW is the peak real power demand for the month and RKVA is the peak reactive power demand for the month.

$$\text{Billing Demand} = \frac{\text{Measured Demand} \times 90\%}{\text{Monthly Power Factor} \%}$$

#### TERMS OF CONTRACT - ANNUAL OR SUCH TERMS AS MAY BE REQUIRED BY TERMS AND CONDITIONS FOR ELECTRIC SERVICE

##### CONDITIONS OF SERVICE

- (1) Motors having a rated capacity in excess of five horsepower (5 HP) must be three phase.
- (2) All wiring, pole lines, wires and other electrical equipment beyond the metering point, exclusive of the service transformers and protective equipment, is considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

##### TERMS OF PAYMENT

Bills are due when presented.

