

ELECTRIC UTILITY DEPARTMENT  
City of Columbiana, Ohio

**SCHEDULE "LP"**  
**LARGE POWER SERVICE**

AVAILABILITY: This Schedule is available to all Consumers located along existing electric distribution lines of the City who use the City's Standard Service and who guarantee the Monthly Billing Capacity specified by Service Application or Contract, but not less than 100 kW.

Where substation capacity in excess of 150 kVa is required to supply Consumer's existing and probably future requirements, the City reserves the right to require Consumer to install the necessary complete substation equipment and this Schedule "LP" shall apply. See elsewhere as to character of service, voltages, metering, and discount applicable where Consumer furnishes complete transformation equipment, etc.

Service under this Schedule will be furnished only on a 12 months non-seasonal basis by Contract in accordance with the following stipulations and also in accordance with the City's General Rules and Regulations or subsequent revisions thereof, which are a part of this Rate Schedule as if fully written herein.

A separate bill shall be rendered for each separate service drop and meter location.

**NET RATE PER MONTH PER SERVICE OR PER TRANSFORMER INSTALLATION:**

The total Monthly Billing shall be the sum of the charges, (A), (B), (C) & (D) that follow:

(A) Service Charge:	\$ 50.00 Per Month
(B) Capacity Charge:	\$ 15.00 Per kW of Billing Capacity
(C) Reactive Charge:	\$ 0.50 Per RkW
(D) Energy Charge:	\$ 0.045 Per kWh

All Billings under the above Rates shall be subject to the provisions hereinafter set forth relating to: (a) Determination of Monthly kW and RkW Billing Capacity; (b) Power Supply Cost Adjustment; (c) Excise (KWH) Tax Adjustment; (d) Discount For Substation Ownership by Consumer; (e) Billing Where Multiple Transformer Banks are Furnished; and (f) Monthly Minimum Charge.

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**MONTHLY MINIMUM CHARGE:** The Monthly Minimum Charge under this Schedule shall be \$15.00 per kW of Billing Capacity as hereinafter determined plus the Service Charge of \$50.00 per month, but not less than the Minimum Charge specified in Consumer's Service Application or Contract with the City.

Said Minimum Charge shall not be reduced by reason of the Application of the "Discount for Substation Ownership by Consumer", as hereinafter provided for.

There shall be added to the Minimum Charge as determined above, any applicable Power Supply Cost Adjustment and Excise (KWH) Tax Adjustment. Said Adjustments shall be applied as hereinafter determined.

The Minimum Charge is applicable on a 12 months year around basis and Seasonal Disconnects will not avoid the applicable Minimum Billing Capacity and resultant Minimum Charge except as provided under (d) of "Determination of Monthly kW and RkW Billing Capacity".

**DETERMINATION OF MONTHLY KW AND RkW BILLING CAPACITY:** The kW and RkW Billing Capacity (to nearest kW and RkW) shall normally be determined by measurement, using the highest 15-minute integrated or equivalent thermal kW and RkW capacity.

Where highly fluctuating or intermittent loads, welding machines, electric furnaces, hoists, elevators, X-Rays and the like are operated by the Consumer, the City reserves the right to determine the kW Billing Capacity by averaging Consumer's total load over a 2 minute period or by increasing the 15 minute Measured Maximum kW Capacity in operation by the Consumer by 50% of the kVa name plate rating of said fluctuating load equipment.

Where such fluctuating loads require additional or separate transformers or additional system capacity, the Measured kW Billing Capacity as determined above shall be increased by 70% of the name plate rated kVa capacity of the separate transformer that serves such fluctuating load.

The kW Billing Capacity shall be determined as above, but in no event shall it be less than 100 kW or less than the Minimum kW Capacity specified by the City and set forth in Consumer's Service Application or Contract with the City. In specifying paid Minimum Contract Capacity in kW, the City will take into consideration the system capacity and companion investment required and/or reserved in order to adequately supply both the Consumer's initial and probable future requirements.

**BILLING KW, RkW AND KWH:** The foregoing rates are based upon all service being metered at the City's Primary Voltage available at Consumer's premises. The City reserves the right to meter at either the Primary or Secondary Voltage as determined by the City. If metered at Secondary Voltage, the Billing kW, RkW and KWh shall be the metered kW, RkW and kWh multiplied by 1.03. For further definition of Primary and Secondary Service and Voltage, see "Discount for Substation Ownership by Consumer".

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**POWER SUPPLY COST ADJUSTMENT:** The Rates and Charges set forth above are subject to the adjustment set forth in the City's Rider "A" Power Supply Cost Adjustment and same shall apply.

**EXCISE (KILOWATT-HOUR) TAX ADJUSTMENT:** The rates and charges set forth in this schedule shall be increased by an amount equal to the excise (kilowatt-hour) tax imposed on the City's electric distribution system under Ohio Revised Code 5727.81. Said increase shall be automatically adjusted to reflect any change in the kilowatt-hour tax imposed by Ohio Revised Code 5727.81.

**BILLING WHERE MULTIPLE TRANSFORMER BANKS ARE FURNISHED:** Service under this Schedule is based upon the City furnishing all service at a single voltage through 1 transformer bank. The City may, at its option, supply additional voltages thru additional transformer banks.

Where the City furnishes more than 1 transformer bank, Consumer shall pay a transformer rental charge of \$0.25 per kVa of the name plate rating of the additional transformer banks furnished by the City in excess of 1 transformer bank.

The City reserves the right to meter multiple transformer banks at secondary voltage and to bill each transformer bank separately or to meter and bill all service at primary voltage through a single meter.

**DISCOUNT FOR SUBSTATION OWNERSHIP BY CONSUMER:**

1. In order to adequately supply Consumer's initial and contemplated future electric power requirements the City may specify the Nominal Primary Delivery Voltage, which shall be either 12,470 or 69,000 volts.
2. In the event that the City determines the service to be furnished to Consumer is Primary Service supplied at Primary Voltage and Consumer furnishes the complete substation equipment, the Discount to be applied to the Applicable kW Billing Capacity shall be as follows: \$0.35 per kW for 12,470 volts service and \$0.75 per kW for 69,000 volts service.

The size, capacity and other Substation Specifications shall be determined by the City and the entire installation shall conform to the City's Specifications and Standards.

The resultant Discounted Bill for Substation Ownership shall not be less than the Applicable Monthly Minimum Charge as determined herein or by Contract.

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**OTHER TERMS & CONDITIONS:**

1. **Contract Provisions:** A written Contract may be required to cover service furnished under this Schedule, the term to depend upon investment required by the City, revenue to be received, etc. The Contract shall specify the Monthly Minimum Charge, the Minimum Billing Capacity, Contribution in Aid of Construction (if any), and related matters required to protect the City's Investment and to secure payment of Consumers' accounts.
2. **Transformer Capacity Limitations:** If more than 150 kVa of transformer capacity or an unusual installation is involved, the City reserves the right to require Consumer to install the complete substation, in which event the Substation Discount may apply.
3. **Low Voltage Service:** Service will normally be supplied through a single set of service wires. The voltage shall, at the City's option, be either 120/240 volt single phase 3 wire; 240/480 volt 3-phase, 3 wire or 120/208 or 277/480 volt, 3-phase 4 wire. If the voltage requested is impractical for the City to furnish, Consumer shall furnish at his expense such transformers as are necessary to deliver such voltage. The City shall specify whether or not the Billing kWh is to be based on service metered at Primary or Secondary Voltage.
4. **Single Billing:** If all service is supplied through a single 3 or 4 wire service drop to a single meter location designated by the City, a single bill will be rendered.
5. **Multiple Billing:** If service is delivered through individual and separately metered single and 3-phase service drops, separate bills will be rendered for each meter.
6. **Multiple Service Requirements In Order To Qualify For Single Billing:** If Consumer's wiring is rearranged at Consumer's cost so that all service can be supplied by a single 3 or 4 wire service drop from a single transformer bank to one meter location, one bill will be rendered. In such an event, the City reserves the right to use separate single and 3-phase meters, and to arithmetically add the kWh, kW and RkW Meter Readings.
7. **Motor Specifications:** In order to avoid the operation and/or starting of motors that are detrimental to service furnished other Consumers, the City reserves the right to require that such motors be equipped with such reduced voltage and/or other Control Devices as are necessary to avoid detrimental service to the City's other Consumers.
8. **3-Phase Service For Unbalanced or Fluctuating Loads:** For highly fluctuating loads, such as welders, electric melting furnaces and/or other unbalanced single phase loads, the City reserves the right to require that such loads be converted to 3-phase operation so that as far as is practical the load on each phase is balanced.

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9. Power Factor and Voltage Control: Where Consumer installs Power Factor corrective equipment, the City may require Consumer to install at his expense, such Control Devices as are necessary to prevent excessive or detrimental voltage variations on the City's system. In event of such non-compliance by Consumer, the RkW Billing Capacity will be determined as though said power factor correction equipment was disconnected.
10. Temporary, Seasonal or Unusual Service: For such service, the Minimum Charge and Financing of the facilities required, etc., will be covered by a Special Agreement and the Consumer shall pay all of the "Up and Down Costs" involved.
11. Use of Service: Under no condition shall service be resold, sub-metered or shared with others. Violation of this provision shall be cause for disconnection of service.
12. General Rules and Regulations: For further details as to the rights, responsibilities, and obligations of both the City and Consumer, see the City's General Rules and Regulations which apply to service under this Schedule as if fully written herein.