

CITY OF CONCORD  
 SCHEDULE RE  
 RESIDENTIAL SERVICE  
 ELECTRIC WATER HEATING AND SPACE CONDITIONING

AVAILABILITY

Available only to customers dwelling in residences, condominiums, mobile homes, or individually-metered apartments which provide independent and permanent facilities complete for living, sleeping, eating, cooking, and sanitation. In addition, all energy required for all water heating, cooking, clothes drying, and environmental space conditioning must be supplied electrically, and all electric energy used in such dwelling must be recorded through a single meter

Power delivered under this schedule shall not be used for resale or exchange or in parallel with other electric power or as a substitute for power contracted for or which may be contracted for, under any other schedule of the City, except at the option of the City for service in conjunction with the Renewable Energy Generation Rider, or under special terms and conditions expressed in writing in the contract with the customer.

TYPE OF SERVICE

The City will furnish 60 Hertz service through one meter, at one delivery point, at one of the following approximate voltages, where available:

- Single-phase, 120/240 volts; or
- 3-phase, 208Y/120 volts; or other available voltages at the City's option.

Motors in excess of 2 H. P., frequently started, or arranged for automatic control, must be of a type to take the minimum starting current and must be equipped with controlling devices approved by the City.

Three-phase service will be supplied, if available. Where three-phase and single-phase service is supplied through the same meter, it will be billed on the rate below. Where three-phase service is supplied through a separate meter, it will be billed on the applicable General Service schedule.

RATE:

I.	Basic Facilities Charge per month	\$ 15.00
II.	Energy Charges	
	<u>For the billing months of July - October</u>	
	For the first 350 kWh used per month, per kWh*	10.0894¢
	For all over 350 kWh used per month, per kWh	10.0894¢
	<u>For the billing months of November - June</u>	
	For the first 350 kWh used per month, per kWh*	10.0894¢
	For all over 350 kWh used per month, per kWh	9.5243 ¢

\* For customers receiving Supplemental Security Income (SSI) under the program administered by the Social Security Administration and who are blind, disabled, or 65 years of age or over, the rate for the first 350 kWh used per month shall be 8.6608 cents per kWh. This is an experimental rate authorized by the North Carolina Utilities Commission on August 31, 1978. The present maximum discount to customers being served under this experiment is \$5.00 per month.

REQUIREMENTS

An electric water heater meeting the specifications set forth below must be installed and used to supply the entire water heating requirements, except that which may be supplied by non-fossil sources such as solar.

1. Water heaters shall be of the automatic insulated storage type, of not less than 30-gallon capacity and may be equipped with only a lower element or with a lower element and an upper element.
2. Water heaters having only a lower element may have wattages up to but not exceeding the wattages shown below for various tank capacities.

<u>Tank Capacity in Gallons</u>	<u>Maximum Single Element Wattage</u>
30 - 49	4500
50 - 119	5500
120 and larger	Special approval

REQUIREMENTS (continued)

3. The total wattage of the elements in a water heater with a lower element and an upper element may not exceed the specific wattages above unless the water heater has interlocking thermostats to prevent simultaneous operation of the two elements such that the maximum wattage is not exceeded during operation.

Electric space conditioning meeting the specifications set forth below must be installed and used to supply the entire space conditioning requirements, except that which may be supplied by supplemental non-fossil sources such as solar.

1. Room-type systems shall be controlled by individual room thermostats.
2. Heat pumps shall be controlled by two-stage heating thermostats, the first stage controlling compressor operation and the second stage controlling all auxiliary electric resistance heaters, and/or gas burners. Auxiliary electric heaters shall be limited to 48 amps (11.5 KW at 240 volts) each and shall be switched so that the energizing of each successive heater is controlled by a separate adjustable outdoor thermostat. A manual switch for by-pass of the first stage and the interlock of the second stage of the heating thermostat will be permitted.
3. Excess heating capacity (15% more than total calculated heat losses) may be disconnected at the option of the Company.
4. Total heat loss shall not exceed 30 BTUH (at 60 degrees F. temperature differential) per square foot of net heated area. The City's procedure for calculating heat loss or the current edition of ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers) Guide shall be the source for heat loss calculations. Duct or pipe losses shall be included in the computation of total heat losses.

Billing of service under this schedule will begin after the Customer has notified the City that qualifications have been met. The City at all reasonable times shall have the right to periodically inspect the premises of the Customer for compliance with the requirements, subsequent to the initial inspection.

PURCHASE POWER ADJUSTMENT RIDER

The City's Purchase Power Adjustment Rider is applicable to all service supplied under this schedule.

RENEWABLE ENERGY PORTFOLIO STANDARD (REPS) RIDER

The City's Renewable Energy Portfolio Standard (REPS) Rider is applicable to all service supplied under this schedule.

PAYMENT

Bills under the Schedule are due and payable on the date of the bill at the office of the City. Bills are past due and delinquent on the twenty-fifth day after the date of the bill. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one percent (1.5 %) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

EXTRA FACILITIES CHARGE

A monthly "Extra Facilities Charge" equal to 1.7% of the installed cost of extra facilities necessary for service required under this schedule, but not less than \$25, shall be billed to the Customer in addition to the bill under the appropriate rate schedule, when applicable.

CONTRACT PERIOD

The original term of this contract shall be one year, and thereafter, until terminated by either party on thirty days' written notice.

Effective for bills rendered on and after July 1, 2024.