The Rules and Regulations as herein set forth, or as they may hereafter be revised with approval of the State Corporation Commission, shall govern the rendering of air conditioning service and every customer and/or owner upon making application for any service rendered by the Company, or upon the taking of service, shall be bound thereby.

#### 1. Months of Service

The central air conditioning plant will begin operations following the first two consecutive days of 80 degree weather in May and shall in any event, be in operation from noon, May 22<sup>nd</sup> through noon, October 9<sup>th</sup> of each year. This period shall be considered the cooling season.

#### 2. Hours of Service

The plant will remain in operation twenty-four (24) hours a day during the cooling season, unless the night-time temperature drops below 55° F, in which case the Corporation reserves the right to shut down until the day-time temperature next exceeds 60° F.

#### 3. Service Application

Customer must submit a written application for service, which will constitute customer's agreement to accept chilled water for the entire cooling season, subject to the provisions of these Rules and Regulations. Customers will be considered unmetered customers unless specifically requested by the customer to be a metered customer.

#### 4. Payment Schedule

#### A. Unmetered Service

The annual charge for chilled water is due as follows:

May 25% of annual charge 25% of annual charge June 25% of annual charge July

Bills will be rendered on or before the first day of each month, payable on or before the 25th of the month. Customers starting service after May 22nd will have their initial

25% of annual charge

charge calculated by the appropriate following formula:

Service starts prior to June 25:

August

50% of annual charge less pro rata credit

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for missed days\*

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Service starts June 26th to July 25th:

75% of annual charge less pro rata credit

for missed season days\*

Service starts July 26th to August 25th:

100% of annual charge less pro rata credit

for missed season days\*

\* Pro rata credit for missed season days is 1/140<sup>th</sup> of annual charge multiplied by the number of calendar days between start date and May 22<sup>nd</sup>.

#### B. Metered Service

Meter Reading Dates:

June 30

(to cover the 1<sup>st</sup> billing period, start of season to June 30<sup>th</sup>)

July 31

(to cover the 2<sup>nd</sup> billing period, July 1<sup>st</sup> to July 31<sup>st</sup>)

August 31

(to cover the 3<sup>rd</sup> billing period, August 1<sup>st</sup> to August 31<sup>st</sup>)

October 30

(to cover the 4<sup>th</sup> billing period, September 1<sup>st</sup> to end of season)

The Company will distribute postage prepaid postcards to customer residence prior to the reading date to be read and returned within 7 days from the end of the month. Bills will be calculated and delivered to customer by 10<sup>th</sup> of the month following reading date and payable in full by the 21 days from the billing date. When meter reading cards are returned late, the Company will render a bill not less than 5 days after the receipt of the postcard, but no extension of the due and payable date will be allowed. Payment will remain due 21 days from the original billing date.

The service lines, meters and fixtures on the customer's premises, including service lines and outlets within the customer's building, shall be accessible to the Company for observation or inspection at reasonable hours.

#### 5. Servicing of Customer's Units

All air conditioning components within the building including piping, coils, solenoid valves, strainers and gate valves are the property of the Owner of the premises. Certain other components including blower motor and fan, filters, duct work, thermostat and fan switch are common to both the air conditioning and heating systems and are also the property of the Owner of the premises. The Corporation undertakes, at no cost to the customer, to insure that there is adequate flow of chilled water through the customer's cooling coil to meet the design specifications of that coil. This is limited to cleaning the line strainer and back-flushing the coil, where valves are available, accessible and in working order.

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#### 6. Voluntary and Involuntary Connection and Disconnection Charges

#### A. Schedule of Connection Charges for New Construction

The connection charges shall be actual cost. The above charges will bring service to within five feet of the building containing the respective dwelling units. The Company may require a deposit for these charges.

### B. Schedule of Voluntary Disconnection and Reconnection Charges

The charges for disconnecting and reconnecting service at the request of the Corporation's customers are \$25.00 per billing entity. Requests for voluntary disconnect and/or reconnection must be in writing and must be received by the Corporation at least ten days before the desired disconnection or reconnection.

#### C. Schedule of Involuntary Disconnection Charges

The charges for disconnection of service for a customer failing to pay the service charges created under the Rules and Regulations of the Corporation and who refuse to allow entry for sealing off the service valves will be the actual cost of two corporation cocks and a cast iron valve crock and the installation of the same including restoration of the area.

If entry is permitted and the system can be disconnected, the disconnect cost is \$25.00.

#### D. Termination

Service may be terminated after ten days written notice that the customer is thirty days late. Appropriate disconnect and connect charges along with any past due balances due the Company must be paid to reestablish service. Customers leaving the system are responsible for all charges to disconnect their service from the main.

### 7. Non-Interruptible Rates and Charges

#### A. <u>Unmetered Service</u>:

Rates and charges for individual customers will be applied in accordance with the attached Load Schedules. The rate per 2,000 BTUH shall be calculated after consideration of the following formulas:

# Charge per season per 2,000 BTUH or portion thereof

Rate Residential \$52.61 Commercial \$67.10

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#### B. Metered Service:

\$13.02 per thousand gallons for the 1st 10,000 gallons or part thereof used each billing period.

\$6.51 per thousand gallons for each 1,000 gallons or part thereof used in excess of 10,000 gallons in each billing period.

The minimum charge per billing period for metered customers is \$64.06 payable regardless of usage but credited against actual usage.

#### C. Miscellaneous Charges

A 1½ % per month late charge will be assessed on all past due amounts.

A charge of \$20.00 will be assessed for handling checks returned for insufficient funds.

#### 8. Interruptible Rates and Charges

#### A. Availability

Service under this rate schedule shall be available to any customer whose calculated heat gain is not less than 200,000 BTUH and who is located on the distribution lines where exterior shut-off valves are readily available to Company personnel, or in the case where a valve is not readily available will pay to the Company the cost of installing such valve.

#### B. Character of Service

Deliveries of chilled water hereunder shall be subject to interruption or curtailment at any time and from time to time. The Company shall not be liable in damages for or on account of any such curtailment or interruption of deliveries. Interruptions or curtailments shall be made by the Company personnel without prior notice and at any time when the discharge water temperature from the main plant exceeds the values listed in the table in paragraph 11. Customer agrees to cease or curtail taking of chilled water in accordance with such interruption or curtailment. Service shall be restored by Company personnel when the discharge water temperature from the main plant reaches specified levels.

#### 9. Security Deposits

A. The Company may at any time require of any customer a cash deposit or other suitable guarantee to secure the performance by the customer of the terms and

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conditions of the Company under which service is supplied. The amount of the deposit shall be determined in the following manner:

A deposit is not to exceed 2 months' usage.

The deposit will be refunded whenever the Company deems the customer's credit satisfactorily established, up to a maximum of one year of satisfactory credit.

B. Interest will be paid on deposits held 90 days or longer and will run from the date the deposit is received until refunded. The interest rate will be the rate determined by the State Corporation Commission in January of each year. In the event of non-payment, the security deposit will be forfeited and applied toward any outstanding balance.

#### 10. Installation of Meters

Upon written request of the owner of the property, the utility will undertake installation of a 5/8 "meter at the actual cost of installation including labor and materials. The meter will become contributed property and be maintained by the utility.

#### 11. Cooling Capacity

The plant is designed to deliver chilled water to each customer in the service area sufficient to cool the conditioned space to which it is supplied at normal range of outside temperatures during the operating period. When temperatures outside are below 55°, chilled water supply is not required.

Chilled Water Supply Temp. (F)	Outside Air Temp. (F)
51° 49°	55° to 65° 65° to 75°
47°	75° to 85°
45°	85° to 95°
120	050 and above

The operation assumes that the cooling systems within individual houses have been designed to take care of cooling loads per the following calculations.

#### A. Heat Gain Calculations

Theoretical heat gain for each residential and commercial unit were calculated in accordance with the engineering techniques set forth in Chapters 27 and 28 of the ASHRAE Handbook of Fundamentals (ASHRAE Guide), 1967 edition, as published by the American Society of Heating, Refrigeration and Air Conditioning Engineers, Inc.

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The techniques set forth therein are embodied in a computer program known as the "H-Load" Program utilized by Syska and Hennessey, Inc.

#### B. "H-Load" Program

The "H-Load" Program employs a dynamic analysis of building heat gain rather than static or "average condition" analysis of building heat gain.

Heat gain was calculated for each possible peak hour of the day of each month of the season during which service is provided. These heat gains were then compared and the peak heat gain established.

Solar azimuth and angle, and the heat absorbing characteristics of various building materials were simultaneously considered. The shading effect of balconies, overhangs and vertical protrusions, as well as, the thermal storage capacity of the structure and the interior furnishings, were taken into consideration.

In all cases excepting those hereinafter set forth, the input constants used for the calculations were specified in the ASHRAR Guide. The following constants are also used:

#### **Design Conditions**

Outside:

95° F - Dry Bulb

78° F - Wet Bulb

Inside:

75° F - Dry Bulb

50% Relative Humidity

#### Occupancy

#### a. Residential

Occupancy of residential units is one person for each bedroom plus one additional person per residence. Efficiency apartments have no bedrooms. Heat gain per person: 245 BTUH Sensible – 155 BTUH Latent

#### b. Commercial

Occupancy of commercial space is as follows:

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Offices and Office Buildings – one person per 100 sq. ft.

Retail Stores – one person per 150 sq. ft.

Heat Gain per person: 250 BTUH Sensible – 150 BTUH Latent.

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The ventilation of residential units is equal to 0.25 air changes per hour based on the gross cubic feet of the residence, except where continuous forced ventilation occurs. Ventilation of commercial spaces, and those residential units with continuous forced ventilation, is equal to the original design values shown on the building plans, or actual values when modified.

#### Lighting

Residential

One watt per sq. ft.

b. Commercial

Office:

Three watts per sq. ft.

Retail:

Four watts per sq. ft.

#### Appliances

Residential

0.5 watts per sq. ft.

Commercial

Office:

0.5 watts per sq. ft.

Retail:

One watt per sq. ft.

#### Dimensions

Floor Area

Based on gross inside building dimensions.

Wall Area b.

Based on inside building dimensions.

Glass Area

Measured from masonry to masonry or rough frame opening size.

C. The Corporation assumes no responsibility for the interior temperature where doors or windows or other wall openings are kept open, where an unusually large number of persons are temporarily present on the premises, where a customer has introduced into the premises some unusual supply of heat, or where the duct work is not able to circulate air throughout the premises.

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D. Customers may add additional cooling units in other areas of the premises; however, the Company shall inspect the installation to insure the connection is downstream of the company's meter.

#### 12. General

- A. No employee or agent of the Company shall have the right or authority to bind it by any promise, agreement or representation contrary to the letter or intent of these Rules and Regulations.
- B. Failure of the Company to enforce any provision of this tariff does not affect the enforcement or legal status of any other provisions of this tariff.

## 13. Customer Complaint Procedure

- A. Customer service representatives are available to answer questions weekdays between 7:30 a.m. and 5 p.m. at 877.WTR.AQUA or 877.997.2787. For emergencies, after hours and holidays customers can reach the company using the same number.
- B. The Company will document all customer complaint calls, including the nature of each complaint, a brief description of its resolution and the length of time to resolve, and whether, if applicable, the cooling issues customers reported resulted from problems in the system or inadequate maintenance/operation of internal units or other factors in the home.
- C. The Company will maintain a record of the complaints received in its Customer Information System (CIS). When an inquiry, service request, or complaint is received in written or verbal form the Company shall record the contact including the information required above, in its CIS. The Company shall retain all information for a minimum of two years.
- D. If the Customer is not satisfied and wishes to pursue the complaint further, they shall be advised that they may contact the State Corporation Commission via telephone (1-800-552-7945).

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