

DISTRICT ENERGY SYSTEM
RATE DOCUMENT

JEA

21 West Church St.
Jacksonville, FL 32202
(904) 665-6000

DESCRIPTION OF TERRITORY SERVED

JEA furnishes retail chilled water service to some portions of Duval County.

Approved by JEA Board

June 16, 2009

District Energy System Rate Document

Index

Section	Description	Page
	Rates and Conditions for Chilled Water Service	
101	Conditions for chilled water service.....	3
102	Variable Consumption Charge Policy.....	3
201	Contract demands in excess of 200 tons.....	3
301	Contract demands less than 200 tons.....	4
401	Chilled Water Service Definitions.....	4

Chilled Water Service

101 – Conditions for Chilled Water Service

- 1) The customer is responsible for the following items:
 - a) To provide JEA with a satisfactory indoor site for installing JEA's Energy Station with free access to that station at all times.
 - b) If customer does not meet JEA ΔT requirements then JEA may charge customer differential temperature adjustment (DTA). The ΔT requirements and DTA are based on multiple factors, including but not limited to, chilled water district (loop) design, incremental pumping costs, and reduction of system capacity.
 - c) The customer is responsible for maintaining building piping in good condition. The customer is also responsible for the cost of replacing water due to leaks at the normal rates charged for water consumption.
 - d) JEA may consider a reduced rate for customers who provide capital or other value to JEA's chilled water service. JEA and the customer may also negotiate a higher rate if there are extraordinary customer requirements.

102 – Variable Consumption Charge Policy

The variable consumption charge for each DES rate class shall be rounded to the nearest 0.00001 cents per ton-hour of sales to reflect recovery of costs due to changes in the electric rate charged to DES. The adjustment will take effect when changes in the electric rate schedule take effect, using a method approved by the Board.

201 – Contract Demands in excess of 200 tons

Demand Charge: \$ 20.00 per ton

Variable Consumption Charge: At the effective date of this tariff, the total Variable Consumption Charges will be:

\$0.11239 per ton-hour for EFLH less than or equal to 2,400

\$0.09539 per ton-hour for EFLH greater than 2,400

- 1) Demand is calculated as the higher of either the contract demand or the actual demand.
- 2) If the actual demand exceeds the contract demand by more than 10 % for two months in a twelve month period, the highest actual demand in the previous twelve months will become the new contract demand.
- 3) If the actual demand in any month exceeds the contract demand by more than 25% a surcharge of \$5.00 per ton will apply to all excess demand.
- 4) If the actual demand is less than 80% of the contract demand in any month within a twelve month period the contract demand may be reduced by up to 10% at the option of JEA.
- 5) A customer with more than one location on the same chilled water system grid will be allowed to aggregate its contract demand on the same system grid.
- 6) A customer with a contract demand of 2,000 tons and greater than 2,000 EFLH in annual consumption will receive a demand discount of \$0.50 per ton.

301 – Contract Demands less than 200 tons

Variable Consumption Charge: At the effective date of this tariff, the total Variable Consumption Charge will be:

\$0.20239 per ton-hour for EFLH less than 2,400

\$0.09539 per ton-hour for EFLH greater than 2,400

- 1) There will be no demand charge for contracts less than 200 tons.

401 – Chilled Water Service Definitions

- a) **Temperature rise** – The difference in temperature between the chilled water supplied by JEA at the Energy Station and the warmed water returned to the JEA Energy Station. (Also referred to as ΔT)
- b) **Ton** – One ton of cooling equals 12,000 BTU/hr.
- c) **Contract Demand** – The maximum quantity of service, in Tons, contracted to be delivered during any consecutive sixty (60) minute period for each building.
- d) **Consumption** – The ton-hours used by the facility during the billing period.
- e) **EFLH** – Equivalent Full Load Hours – If all of a customer’s consumption occurred at the maximum load, this is how many hours per year they would use chilled water. The formula used to calculate EFLH is:
EFLH = (Annual Consumption in ton-hrs) / (Contract Demand in tons + Excess Demand in tons).
- f) **Actual Demand** – The maximum quantity of Service, in Tons, actually provided to Customer during any consecutive sixty (60) minute period during the billing cycle
- g) **Excess Demand** – The quantity of service, in Tons, provided by JEA in excess of the Contract Demand.