

Water Rate Information

13.20.025 First Block And Second Block Allocations

The first and second block allocations shall be as follows:

Size of Meter (in inches)	Volume of First Block Allocation (in units of 100 cubic feet)	Volume of Second Block Allocation (in units of 100 cubic feet)
5/8 and 3/4	0--12	13--38
1	0--12	13--38
1-1/2	0--40	41--325
2	0--50	51--325
3	0--150	151--1,275
4	0--150	151--1,275
6	0--400	401--3,400
8	0--400	401--3,400
10	0--400	401--3,400
12	0--400	401--3,400

13.20.030 Service Charges and Rates

A. Distribution and Customer Charges. The monthly distribution and customer charges for service shall be as follows:

Size of Meter (in inches)	Distribution and Customer Charges	
	Area A	Area B
5/8 and 3/4	\$ 5.94	\$ 8.02
1	11.29	15.24
1 1/2	22.80	35.31
2	53.49	72.21
3	130.75	176.51
4	202.05	272.78
6	309.03	417.19
8	505.14	681.94
10	657.43	842.34
12	742.76	1,002.78

B. Commodity Rates. The commodity rates for all water delivered as of October 2000 shall be:

	Commodity Rate for All First Block Water Delivered (per 100 cubic feet)	Commodity Rate for All Second Block Water Delivered (per 100 cubic feet)	Commodity Rate for All Third Block Water Delivered (per 100 cubic feet)
Water delivered April 1st--September 30th:			
In Area A	\$0.51912	\$1.77043	\$1.94590
In Area B	0.69877	2.38981	2.62587
Water delivered October 1st--March 31st:			
In Area A	\$0.46898	\$1.66598	\$1.93859
In Area B	0.63297	2.24881	2.61647

13.20.035 Capital Improvements Charge

- A. A **Capital Improvements Charge** (“CIC”) shall be added to water rates to recover the capital improvement costs of the water distribution system as provided in this Section.

Effective July 1, 2006, the CIC shall be as follows and shall be subject to adjustment as provided in subsection C:

	CIC (per 100 cubic feet)
Water delivered April 1st--September 30th:	
In Area A	\$ 0.51667
In Area B	\$ 0.69746
Water delivered October 1st--March 31st:	
In Area A	\$ 0.48743
In Area B	\$ 0.65798

B. Adjustments to the CIC

Adjustments to the CIC shall be calculated by the department and shall take effect on the first of the month following city council's approval of the Water Fund Capital Improvements Program ("CIP"). The CIC shall be adjusted by the following calculation:

$$\text{CIC} = ((\text{FTR} \times \text{CE}) + \text{DS}) / \text{WS}$$

(expressed to the nearest \$0.00001 per hundred cubic feet)

Where: $\text{FTR ("Funding Target Ratio")} = (\text{A}) / (\text{A} + \text{B})$

Where "A" is the five-year average annual cash required from current-year water rates to fund the CIP as projected by the department at the time the CIC calculation is made.

Where "B" is the five-year average annual revenue bond funds required to fund the CIP as projected by the department at the time the CIC calculation is made.

CE ("Capital Expenditure") is the five-year average annual Water Fund capital expenditure as projected by the department at the time the CIC calculation is made.

DS ("Debt Service") is the five-year average annual CIC-related debt service payment as projected by the department at the time the CIC calculation is made.

WS ("Water Sales") is the water system sales for the next twelve months stated in billing units, as projected by the department at the time the CIC calculation is made.

13.20.110 Purchased Water Adjustment Charge

The charges for all water delivered, other than the distribution and customer charges and the capital improvements charge shall be subject to an adjustment to reflect changes in the prices paid by the department for its water. The responsibility to calculate the adjustment shall rest with the department and the authority to approve the adjustment shall rest with the general manager. The adjustment shall be the product of a percentage multiplied by all commodity rates. The percentage is calculated as follows:

$$\frac{\text{Total Dollar Amount of Adjustment}}{\text{Total Commodity Revenue}} = \frac{\sum(A_i \times B_i) + C}{\sum(D_k \times E_k) + \sum(D_i \times E_i)}$$

- Where:
- A_i = Projected water system purchases for the next twelve months stated in acre-feet, for every category of commodity purchased, where “i” represents each category of commodity purchase costs.
 - B_i = Difference between projected purchased water prices over base year purchased water prices, stated in terms of dollars per acre-feet, for every category of commodity purchased, where “i” represents each category of commodity purchase costs. Base year prices are defined as those water rates last reflected in department’s retail water rates.
 - C = Any other change to costs incurred by the department in the acquisition of water stated in dollars over the base year.
 - D_k = Projected water system sales for the next twelve months stated, in terms of number of billing units, for every block of commodity sold, for customers in Area A, where “k” represents each category of commodity revenue in Area A, as defined in Section 13.20.020 and Section 13.20.030 of the Pasadena Municipal Code. A billing unit is 100 cubic feet.
 - D_i = Projected water system sales for the next twelve months stated, in terms of number of billing units, for every block of commodity sold, for customers in Area B, where “i” represents each category of commodity revenue in Area B, as defined in Section 13.20.020 and Section 13.20.030 of the Pasadena Municipal Code.
 - E_k = Current commodity rate for every block in Area A in dollars per billing unit, where “k” represents each category of commodity revenue in Area A.
 - E_i = Current commodity rate for every block in Area B in dollars per billing unit, where “i” represents each category of commodity revenue in Area B.

Each commodity rate in each block in each Area shall be adjusted by the formula above.

13.20.145 Fire Protection Surcharge

A fire protection surcharge shall be added to each monthly distribution and customer charge to reflect the cost of maintaining, repairing, installing and upgrading public fire hydrants utilized for fire protection purposes. The fire protection surcharge shall not apply to private fire protection service rendered in accordance with Section 13.20.130. The fire protection surcharge shall be as follows:

Size of Meter (in inches)	Fire Protection Surcharge	
	Area A	Area B
5/8 and 3/4	\$ 0.15	\$ 0.15
1	\$ 0.28	\$ 0.28
1 1/2	\$ 1.07	\$ 1.07
2	\$ 1.38	\$ 1.38
3	\$ 3.25	\$ 3.25
4	\$ 3.83	\$ 3.83
6	\$ 8.80	\$ 8.80
8	\$ 11.79	\$ 11.79
10	\$ 15.28	\$ 15.28
12	\$ 20.34	\$ 20.34