

System Capacity Charges: Residential, Commercial and Industrial Connections

Effective July 1, 2022



Disclaimer Notice

Applicants will find this information helpful to understand the process of applying for a new water service. These fees and charges are presented only as guidelines for the estimates of costs. Final quotations will not be issued until an “Application for Water Service” has been completed and approved. All applications for water service are subject to review and approval by EBMUD. All requests for preliminary estimates or quotations must include an address, accurate location of the parcel to be served, and the proposed use of the premises.

The information provided in this brochure is intended to provide a general understanding of System Capacity Charges, according to the terms specified in EBMUD’s Regulations and Schedule of Rates and Charges. In case of any inconsistencies between this brochure and EBMUD’s Regulations and Schedule of Rates and Charges, the latter shall govern. All Charges and policies stated herein are subject to change, as EBMUD’s Schedule of Rates and Charges is amended from time to time by EBMUD’s Board of Directors.

Introduction

EBMUD has a continuing need to construct both water supply and water distribution system improvements to assure that there will be reliable and secure water service for each new connection to EBMUD's system. The System Capacity Charge (SCC) was established in 1983 as a means of assessing each new water service connection or increase in water service size an appropriate share of the costs of water distribution capital improvements.

All Applicants for new water service or increase in water meter size pay the SCC when installation of a new meter connection is required. The charge is applied on a regional basis to reflect the variations in cost associated with providing new services in different geographic regions of EBMUD. This is consistent with Board Policy 4.05 "Financing Facilities to Serve Applicants for New Services."

What is the System Capacity Charge?

The System Capacity Charge (SCC) is a charge collected from all applicants for water service to premises where the installation of a new service connection or service enlargement is requested. The SCC is payment for the capital cost of providing additional capacity to new water service applicants. The SCC consists of three components:

1. System-wide buy-in for existing facilities that serve the system as a whole;
2. Regional buy-in for existing facilities that serve one of the three SCC regions (notably treatment plant and distribution facilities); and
3. Future water supply, consisting of the costs of future water supply projects that are allocated to new connections.

How is the System Capacity Charge Calculated?

The amount of the System Capacity Charge depends on the regional location of the service, the type of service (e.g., single family residential, multifamily residential, or non-residential), and the indoor and outdoor water demand or number of multifamily units to be served. EBMUD's service area is divided into three principal regions defined by differences in water use and the relationship to necessary capital improvements. Additional regions are established for those areas requiring construction of major facilities which are in addition to or significantly different from those already included in EBMUD's distribution system master plan.

Adjustments and Credits

Adjustments are made for low-pressure services and residential fire services. When a larger meter is installed (upon EBMUD's approval) to compensate for low-pressure or to provide fire protection capacity, the SCC is based on the meter size necessary to meet the domestic demand, not the actual size of the meter installed.

For example: The SCC for a 1" dual service meter installed to serve a residential fire protection and domestic demand system for a residence with a safe intermittent domestic demand of 30 gallons per minute (3/4" meter) in Region 1 would be \$12,230 (Residential SCC Region 1, 3/4" meter).

SCC credits are generally given when the size of an existing meter is increased, or when one or more meters are replaced with new services on the same premises. The SCC credit is based on the size of the service that is being increased or replaced, or the number of dwelling units serviced. This amount is credited towards the SCC for the new service connection(s).

For example: The SCC to increase an existing 1" meter to 1-1/2" for an office building in West Oakland would be \$79,190 (Commercial SCC Region 1, 1-1/2" meter, \$128,440, minus credit for Commercial SCC Region 1, 1" meter, \$49,250).

Note: No cash credits or refunds are given. The SCC credit remains with the property and is not transferable to other premises. See *Schedule of Rates and Charges - Schedule J, paragraph G* for additional information on SCC credit.

Single Family Residential Accounts

Meter size	Principal regions			Additional regions	
	1	2	3	3-C	3-D
3/4"	\$12,230	\$19,400	\$36,100	\$108,310	\$110,230
1"	\$17,380	\$41,580	\$55,260	\$180,880	\$184,080
1-1/2"	\$22,210	\$53,590	\$71,100	\$361,760	\$368,160

Commercial and Industrial Accounts

Meter size	Principal regions			Additional regions	
	1	2	3	3-C	3-D
5/8"	\$15,840	\$30,860	\$33,890	n/a	\$110,230
3/4"	\$25,880	\$44,170	\$51,870	n/a	\$165,350
1"	\$49,250	\$79,090	\$92,390	n/a	\$276,130
1-1/2"	\$128,440	\$224,530	\$227,600	n/a	\$552,260

Multifamily Residential Accounts

For each dwelling unit	Principal regions			Additional regions	
	1	2	3	3-C	3-D
over 500 sq. ft.	\$7,730	\$11,090	\$8,840	\$41,790	\$38,690
500 sq. ft. and under	\$6,120	\$8,780	\$7,000	\$41,790	\$38,690

SCC for Larger Meters

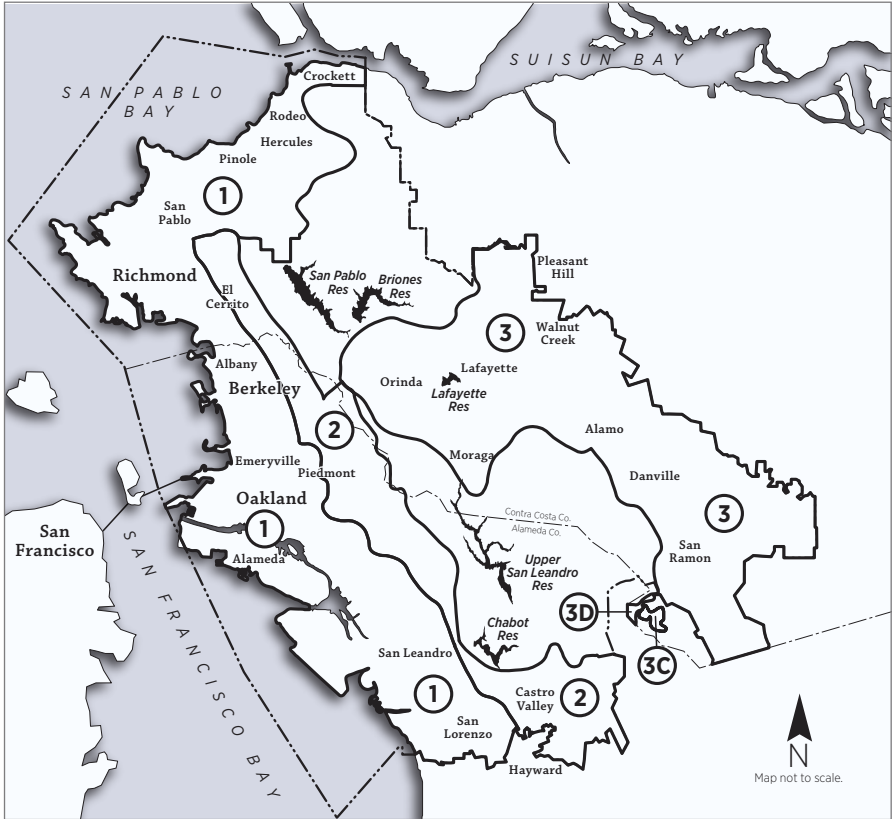
The SCC for non-residential service connections with meters 2" and larger and single family residential service connections with meters larger than 1-1/2" shall be determined by EBMUD on a case-by-case basis. The charge will be based on water use information furnished by the applicant. The same cost components and criteria that apply to the SCC for smaller meters will be applied. The SCC will be calculated based on the unit charge for each of the four components listed below.

Component	Unit charge (\$/100 GPD)
Post-2000 <i>(Additional Regions 3-C & 3-D only)</i>	SCC Region Specific
Regional Facilities Buy-In	SCC Region Specific
System-Wide Facilities Buy-In	\$3,665
Future Water Supply	\$943

The unit charges for the components that are specific to a SCC Region are:

Region	Post-2000 component unit charge (\$/100 GPD)	Regional facilities buy-in component unit charge (\$/100 GPD)
1	n/a	\$1,830
2	n/a	\$4,632
3	n/a	\$2,760
3-C	\$7,353	\$2,263
3-D	\$7,353	\$2,263

System Capacity Charge (SCC)



General Description of Principal Regions

<i>Region</i>	<i>General Description</i>
1	Central Area (gravity zones West-of-Hills)
1	El Sobrante and north (pumped zones)
2	South of El Sobrante to vicinity of Highway 24 (pumped zones)
2	South from vicinity of Highway 24 (pumped zones)
2	Castro Valley area (pumped zones)
2	North Oakland Hill Area (pumped zones, formerly 4-A)
3	Orinda-Moraga-Lafayette Area (pumped zones)
3	San Ramon Valley and Walnut Creek (pumped zones)

General Description of Additional Regions

<i>Region</i>	<i>General Description</i>
3-C	South of Norris Canyon Road (pumped zones)
3-D	South of Norris Canyon Road outside Wiedemann Ranch (pumped zone)

Table of SCC for Standard Service

	Contra Costa County regions				
	1	2	3	3-C	3-D
Alamo-Blackhawk			•		
Danville			•		
El Cerrito	•	•			
Hercules	•				
Lafayette			•		
Moraga			•		
Orinda			•		
Pinole	•				
Pleasant Hill*			•		
Richmond	•	•			
Rodeo-Crockett	•				
San Pablo	•				
San Ramon*			•	•	•
Walnut Creek*			•		

	Alameda County regions				
	1	2	3	3-C	3-D
Alameda	•				
Albany	•				
Berkeley	•	•			
Castro Valley		•			
Emeryville	•				
Hayward*	•	•			
Oakland	•	•			
Piedmont	•	•			
San Leandro	•	•			
San Lorenzo	•				

*City not entirely served by EBMUD.

Sample Calculation

The cost to install a 1" meter for Dual Service at 3/4" domestic demand to serve a single family residence in West Oakland under Paved Conditions would be calculated as follows:

Installation fee	\$15,244
System capacity charge, region 1, 3/4" meter	\$12,230
Wastewater capacity fee	\$2,950
Account fee	\$63
TOTAL	\$30,487



New Business Office, MS #104

375 – 11th Street

Oakland, CA 94607-4240

510-287-1008

510-287-0325 fax

ebmud.com/nbo