

FILE NO: 180407

Petitions and Communications received from April 9, 2018, through April 16, 2018, for reference by the President to Committee considering related matters, or to be ordered filed by the Clerk on April 24, 2018.

Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information will not be redacted.

From the Department of Park and Recreation Office of Historic Preservation, pursuant to Public Resources Code, Section 4851(a)(2), submitting notice that the San Francisco Central YMCA was placed on the National Register of Historic Places, this property has also been listed in the California Register of Historical Resources. Copy: Each Supervisor. (1)

From the Office of the Treasurer & Tax Collector, submitting a CCSF Monthly Pooled Investment Report for March 2018. Copy: Each Supervisor. (2)

From the Planning Department, submitting an Errata to the Environmental Impact Report for the Central South of Market Area Plan. Copy: Each Supervisor. (3)

From Pacific, Gas and Electric Company, submitting a notice to request increase rates for the CPUC for the Catastrophic Event Memorandum Account. Copy: Each Supervisor. (4)

From John Updike, Director of Real Estate, on behalf the City Administrator, Naomi Kelly, pursuant to Administrative Code, Section 23A.4, submitting the 2018 Surplus Property Report. File No. 180400. Copy: Each Supervisor. (5)

From concerned citizens, regarding the proposed legislation to establish a violation for motorized scooters that are a part of a Motorized Scooter Share Program. File No. 180214. 13 letters. Copy: Each Supervisor. (6)

From concerned citizens, regarding the San Francisco Bay Delta Estuary and Tuolumne River. 4 letters. Copy: Each Supervisor. (7)

From Nancy Mackowsky, regarding the Zuckerberg name at SF General Hospital. Copy: Each Supervisor. (8)

From concerned citizens, regarding the proposed legislation to establish local biodiversity as a citywide priority. File No. 180161. 2 letters. Copy: Each Supervisor. (9)

From concerned citizens, regarding the proposed Golden Gate Park Tennis Club renovation. 2 letters. Copy: Each Supervisor. (10)

From the Police Commission, submitting a Resolution adopted at their April 4, 2018, meeting. Copy: Each Supervisor. (11)

From David Romano, regarding the turf field at Beach Chalet soccer fields. Copy: Each Supervisor. (12)

From concerned citizens, submitting a petition regarding roadwork projects operated by the City. Copy: Each Supervisor. (13)

From concerned citizens, regarding California State Senate Bill 827. 2 letters. Copy: Each Supervisor. (14)

From Nancy Wiltsek, regarding California State Senate Bill 827 and California Senate Bill 828. Copy: Each Supervisor. (15)

From Harlan L. Kelly, Jr., General Manager of the San Francisco Public Utilities Commission (SFPUC), pursuant to Charter, Section 8B.125, submitting 2 notices; Notice of SFPUC Adoption of the FYE 2019-2022 Retail Water and Wastewater Rates and Capacity Charges and the CleanPowerSF Revised Schedule of Rates and Charges, both anticipated to be effective July 1, 2018. Copy: Each Supervisor. (16)

From California Fish and Game, pursuant to California Fish and Game Code, Section 2078, submitting notice of final petitions to list the tricolored blackbird, coast yellow leptosiphon and Lassics lupine as threatened or endangered species. Copy: Each Supervisor. (17)

From Antoniette Walker, regarding the proposed project at 590 Leland Ave. File No. 180179. Copy: Each Supervisor. (18)

From the Contract Monitoring Division, submitting an Administrative Code, Chapter 12B and 14B Waiver Request. Copy: Each Supervisor. (19)

From Nancy Jiang, regarding homelessness. Copy: Each Supervisor. (20)

From Jonathon Clark, regarding sidewalk safety and Vision Zero enforcement. Copy: Each Supervisor. (21)

From Christine Harris, regarding congestion on Lombard Street. Copy: Each Supervisor. (22)

From Erica Maharg, Managing Attorney at San Francisco Baykeeper, regarding the proposed legislation to expand the private marina in Clipper Cove at Treasure Island. File No. 180331. Copy: Each Supervisor. (23)

From Eliot Brenowitz, regarding car break ins in San Francisco. Copy: Each Supervisor. (24)



BOS-11

DEPARTMENT OF PARKS AND RECREATION  
OFFICE OF HISTORIC PRESERVATION

Lisa Ann L. Mangat, Director

Julianne Polanco, State Historic Preservation Officer  
1725 23rd Street, Suite 100, Sacramento, CA 95816-7100  
Telephone: (916) 445-7000 FAX: (916) 445-7053  
calshpo.ohp@parks.ca.gov www.ohp.parks.ca.gov

April 13, 2018

Clerk of the Board  
San Francisco County Board of Supervisors  
City Hall, Room 244  
1 Dr. Carlton B. Goodlett Place  
San Francisco, California 94102

RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO  
2018 APR 16 PM 4:46  
BY [Signature]

RE: San Francisco Central YMCA Listing in the  
National Register of Historic Places

Dear Board of Supervisors:

I am pleased to notify you that on April 9, 2018, the above-named property was placed in the National Register of Historic Places (National Register). As a result of being placed in the National Register, this property has also been listed in the California Register of Historical Resources, pursuant to Section 4851(a)(2) of the Public Resources Code.

Placement on the National Register affords a property the honor of inclusion in the nation's official list of cultural resources worthy of preservation and provides a degree of protection from adverse effects resulting from federally funded or licensed projects. Registration provides a number of incentives for preservation of historic properties, including special building codes to facilitate the restoration of historic structures, and certain tax advantages.

There are no restrictions placed upon a private property owner with regard to normal use, maintenance, or sale of a property listed in the National Register. However, a project that may cause substantial adverse changes in the significance of a registered property may require compliance with local ordinances or the California Environmental Quality Act. In addition, registered properties damaged due to a natural disaster may be subject to the provisions of Section 5028 of the Public Resources Code regarding demolition or significant alterations, if imminent threat to life safety does not exist.

If you have any questions or require further information, please contact the Registration Unit at (916) 445-7008.

Sincerely,

Julianne Polanco  
State Historic Preservation Officer

Enclosure: National Register Notification of Listing

1



Previous Weekly Lists are available here: <http://www.nps.gov/history/nr/nrlist.htm>

Please visit our homepage: <http://www.nps.gov/nr/>

Check out what's Pending: <https://www.nps.gov/nr/pending/pending.htm>

WEEKLY LIST OF ACTIONS TAKEN ON PROPERTIES: 4/2/2018 THROUGH  
4/9/2018

KEY: State, County, Property Name, Address/Boundary, City, Vicinity, Reference  
Number, NHL, Action, Date, Multiple Name

CALIFORNIA, SAN FRANCISCO COUNTY,  
San Francisco Central YMCA,  
220 Golden Gate Ave.,  
San Francisco, SG100002287,  
LISTED, 4/9/2018

CALIFORNIA, SANTA CLARA COUNTY,  
Messina Orchard,  
721-781 N. Capitol Ave.,  
San Jose, SG100002288,  
LISTED, 4/9/2018



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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 8:13 AM  
**To:** BOS-Supervisors  
**Subject:** FW: CCSF Monthly Pooled Investment Report for March 2018  
**Attachments:** CCSF Monthly Pooled Investment Report for March 2018.pdf

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**From:** Dion, Ichieh (TTX)  
**Sent:** Monday, April 16, 2018 7:59 AM  
**Subject:** CCSF Monthly Pooled Investment Report for March 2018

All-  
Please find the CCSF Pooled Investment Report for the month of March attached for your use.

Regards,

Ichieh Dion  
City and County of San Francisco  
1 Dr. Carlton B. Goodlett Place, Room 140  
San Francisco, CA 94102  
415-554-5433





Office of the Treasurer & Tax Collector  
City and County of San Francisco



José Cisneros, Treasurer

Tajel Shah, Chief Assistant Treasurer  
Robert L. Shaw, CFA, Chief Investment Officer

Investment Report for the month of March 2018

April 15, 2018

The Honorable Mark Farrell  
Mayor of San Francisco  
City Hall, Room 200  
1 Dr. Carlton B. Goodlett Place  
San Francisco, CA 94102-4638

The Honorable Board of Supervisors  
City and County of San Francisco  
City Hall, Room 244  
1 Dr. Carlton B. Goodlett Place  
San Francisco, CA 94102-4638

Ladies and Gentlemen,

In accordance with the provisions of California State Government Code, Section 53646, we forward this report detailing the City's pooled fund portfolio as of March 31, 2018. These investments provide sufficient liquidity to meet expenditure requirements for the next six months and are in compliance with our statement of investment policy and California Code.

This correspondence and its attachments show the investment activity for the month of March 2018 for the portfolios under the Treasurer's management. All pricing and valuation data is obtained from Interactive Data Corporation.

**CCSF Pooled Fund Investment Earnings Statistics \***

| <i>(in \$ million)</i> | Current Month |            | Prior Month |               |
|------------------------|---------------|------------|-------------|---------------|
|                        | Fiscal YTD    | March 2018 | Fiscal YTD  | February 2018 |
| Average Daily Balance  | \$ 8,761      | \$ 9,491   | \$ 8,668    | \$ 9,434      |
| Net Earnings           | 99.45         | 13.78      | 85.67       | 12.45         |
| Earned Income Yield    | 1.51%         | 1.71%      | 1.48%       | 1.72%         |

**CCSF Pooled Fund Statistics \***

| <i>(in \$ million)</i>   | % of          | Book              | Market            | Wtd. Avg.    | Wtd. Avg.    |            |
|--------------------------|---------------|-------------------|-------------------|--------------|--------------|------------|
| Investment Type          | Portfolio     | Value             | Value             | Coupon       | YTM          | WAM        |
| U.S. Treasuries          | 11.48%        | \$ 1,118.3        | \$ 1,112.9        | 0.74%        | 1.67%        | 411        |
| Federal Agencies         | 46.95%        | 4,595.7           | 4,551.9           | 1.70%        | 1.73%        | 718        |
| State & Local Government |               |                   |                   |              |              |            |
| Agency Obligations       | 1.70%         | 167.7             | 164.4             | 1.86%        | 1.41%        | 511        |
| Public Time Deposits     | 0.26%         | 25.0              | 25.0              | 1.70%        | 1.70%        | 93         |
| Negotiable CDs           | 22.23%        | 2,157.8           | 2,155.1           | 1.89%        | 1.89%        | 171        |
| Commercial Paper         | 7.26%         | 701.9             | 704.2             | 0.00%        | 1.90%        | 87         |
| Medium Term Notes        | 0.72%         | 70.0              | 69.9              | 2.03%        | 2.04%        | 388        |
| Money Market Funds       | 4.09%         | 396.5             | 396.5             | 1.48%        | 1.48%        | 1          |
| Supranationals           | 5.31%         | 518.9             | 514.6             | 1.97%        | 1.80%        | 635        |
| <b>Totals</b>            | <b>100.0%</b> | <b>\$ 9,752.0</b> | <b>\$ 9,694.5</b> | <b>1.50%</b> | <b>1.76%</b> | <b>474</b> |

In the remainder of this report, we provide additional information and analytics at the security-level and portfolio-level, as recommended by the California Debt and Investment Advisory Commission.

Very truly yours,

José Cisneros  
Treasurer

cc: Treasury Oversight Committee: Aimee Brown, Ron Gerhard, Reeta Madhavan, Charles Perl  
Ben Rosenfield, Controller, Office of the Controller  
Tonia Lediju, Internal Audit, Office of the Controller  
Mayor's Office of Public Policy and Finance  
San Francisco County Transportation Authority  
San Francisco Public Library  
San Francisco Health Service System

## Portfolio Summary Pooled Fund

As of March 31, 2018

| <i>(in \$ million)</i>                               |                   |                   |                     |                          |                             |                               |                   |
|--|-------------------|-------------------|---------------------|--------------------------|-----------------------------|-------------------------------|-------------------|
| <b>Security Type</b>                                 | <b>Par Value</b>  | <b>Book Value</b> | <b>Market Value</b> | <b>Market/Book Price</b> | <b>Current % Allocation</b> | <b>Max. Policy Allocation</b> | <b>Compliant?</b> |
| U.S. Treasuries                                      | \$ 1,125.0        | \$ 1,118.3        | \$ 1,112.9          | 99.51                    | 11.48%                      | 100%                          | Yes               |
| Federal Agencies                                     | 4,596.8           | 4,595.7           | 4,551.9             | 99.05                    | 46.95%                      | 100%                          | Yes               |
| State & Local Government                             |                   |                   |                     |                          |                             |                               |                   |
| Agency Obligations                                   | 165.6             | 167.7             | 164.4               | 98.01                    | 1.70%                       | 20%                           | Yes               |
| Public Time Deposits                                 | 25.0              | 25.0              | 25.0                | 100.00                   | 0.26%                       | 100%                          | Yes               |
| Negotiable CDs                                       | 2,157.8           | 2,157.8           | 2,155.1             | 99.87                    | 22.23%                      | 30%                           | Yes               |
| Bankers Acceptances                                  | -                 | -                 | -                   | -                        | 0.00%                       | 40%                           | Yes               |
| Commercial Paper                                     | 708.0             | 701.9             | 704.2               | 100.33                   | 7.26%                       | 25%                           | Yes               |
| Medium Term Notes                                    | 70.0              | 70.0              | 69.9                | 99.85                    | 0.72%                       | 25%                           | Yes               |
| Repurchase Agreements                                | -                 | -                 | -                   | -                        | 0.00%                       | 10%                           | Yes               |
| Reverse Repurchase/<br>Securities Lending Agreements | -                 | -                 | -                   | -                        | 0.00%                       | \$75mm                        | Yes               |
| Money Market Funds - Government                      | 396.5             | 396.5             | 396.5               | 100.00                   | 4.09%                       | 20%                           | Yes               |
| LAIF   | -                 | -                 | -                   | -                        | 0.00%                       | \$50mm                        | Yes               |
| Supranationals                                       | 520.3             | 518.9             | 514.6               | 99.18                    | 5.31%                       | 30%                           | Yes               |
| <b>TOTAL</b>   | <b>\$ 9,765.0</b> | <b>\$ 9,752.0</b> | <b>\$ 9,694.5</b>   | <b>99.41</b>             | <b>100.00%</b>              | <b>-</b>                      | <b>Yes</b>        |

The City and County of San Francisco uses the following methodology to determine compliance: Compliance is pre-trade and calculated on both a par and market value basis, using the result with the lowest percentage of the overall portfolio value. Cash balances are included in the City's compliance calculations.

Please note the information in this report does not include cash balances. Due to fluctuations in the market value of the securities held in the Pooled Fund and changes in the City's cash position, the allocation limits may be exceeded on a post-trade compliance basis. In these instances, no compliance violation has occurred, as the policy limits were not exceeded prior to trade execution.

The full Investment Policy can be found at <http://www.sftreasurer.org/>, in the Reports & Plans section of the About menu.

Totals may not add due to rounding.

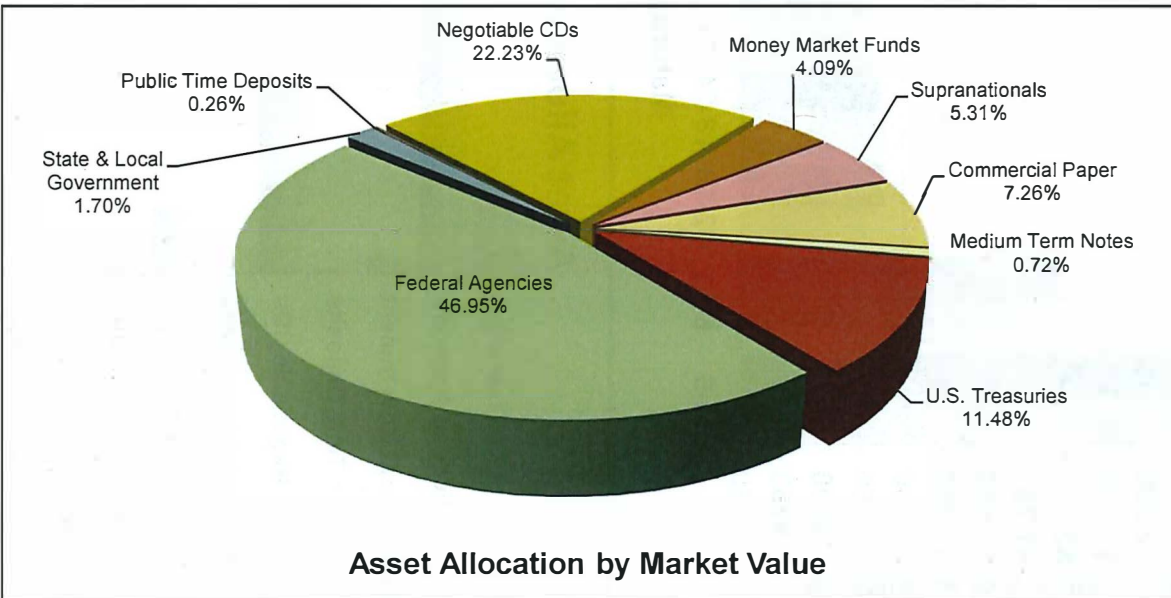
# City and County of San Francisco

## Pooled Fund Portfolio Statistics

For the month ended March 31, 2018

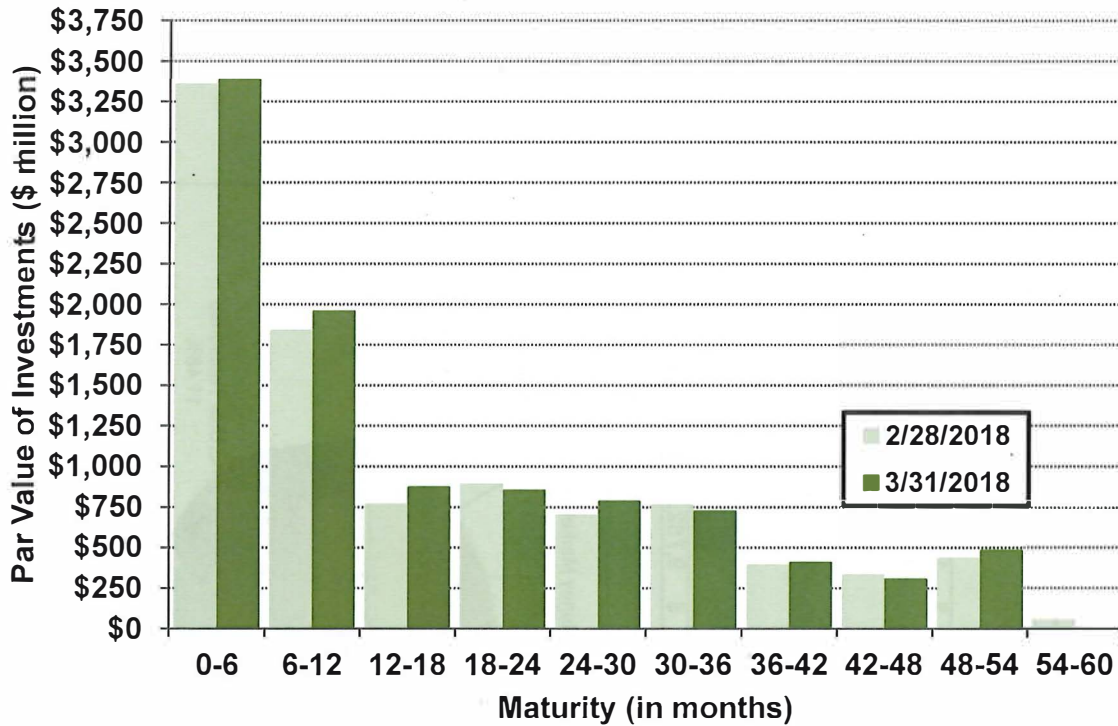
|                           |                 |
|---------------------------|-----------------|
| Average Daily Balance     | \$9,490,883,037 |
| Net Earnings              | \$13,782,952    |
| Earned Income Yield       | 1.71%           |
| Weighted Average Maturity | 474 days        |

| Investment Type          | (\$ million)      | Par Value         | Book Value        | Market Value      |
|--------------------------|-------------------|-------------------|-------------------|-------------------|
| U.S. Treasuries          | \$ 1,125.0        | \$ 1,118.3        | \$ 1,112.9        | \$ 1,112.9        |
| Federal Agencies         | 4,596.8           | 4,595.7           | 4,551.9           | 4,551.9           |
| State & Local Government |                   |                   |                   |                   |
| Agency Obligations       | 165.6             | 167.7             | 164.4             | 164.4             |
| Public Time Deposits     | 25.0              | 25.0              | 25.0              | 25.0              |
| Negotiable CDs           | 2,157.8           | 2,157.8           | 2,155.1           | 2,155.1           |
| Commercial Paper         | 708.0             | 701.9             | 704.2             | 704.2             |
| Medium Term Notes        | 70.0              | 70.0              | 69.9              | 69.9              |
| Money Market Funds       | 396.5             | 396.5             | 396.5             | 396.5             |
| Supranationals           | 520.3             | 518.9             | 514.6             | 514.6             |
| <b>Total</b>             | <b>\$ 9,765.0</b> | <b>\$ 9,752.0</b> | <b>\$ 9,694.5</b> | <b>\$ 9,694.5</b> |



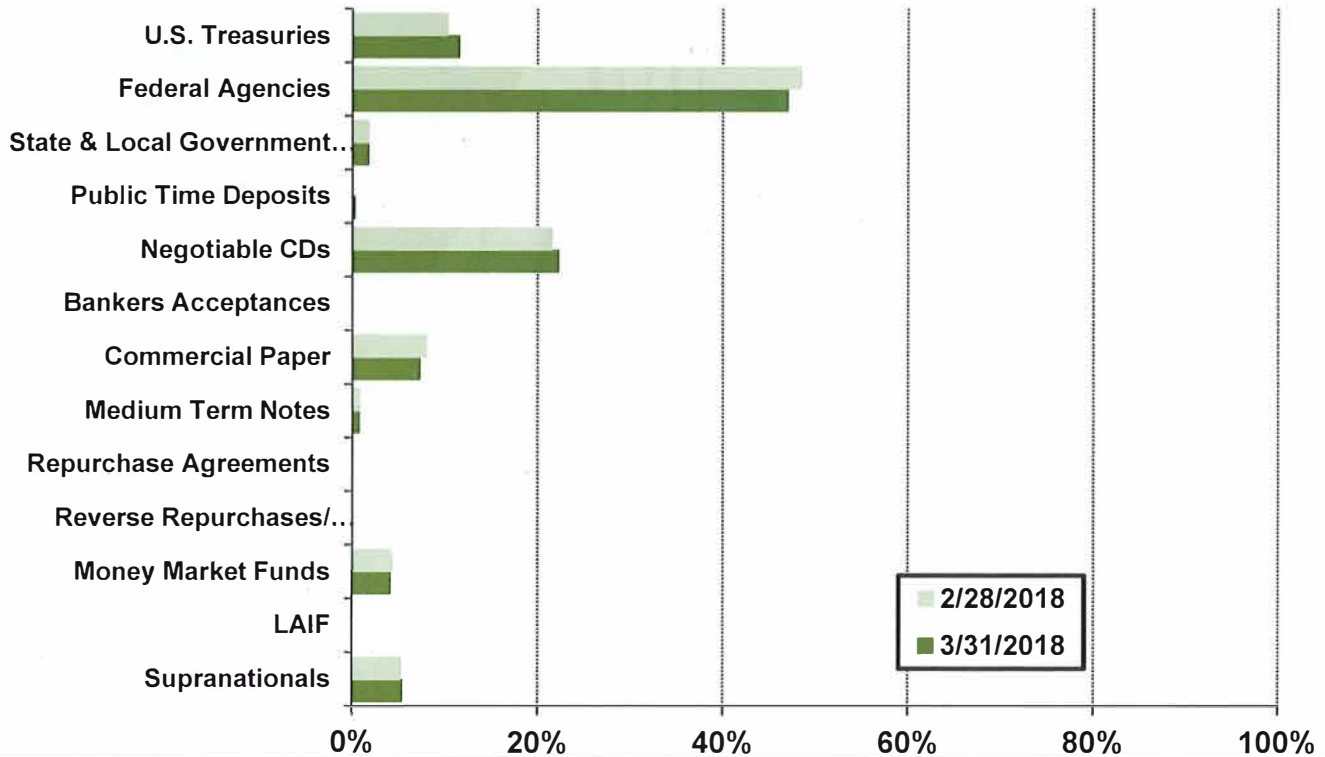
## Portfolio Analysis Pooled Fund

### Par Value of Investments by Maturity

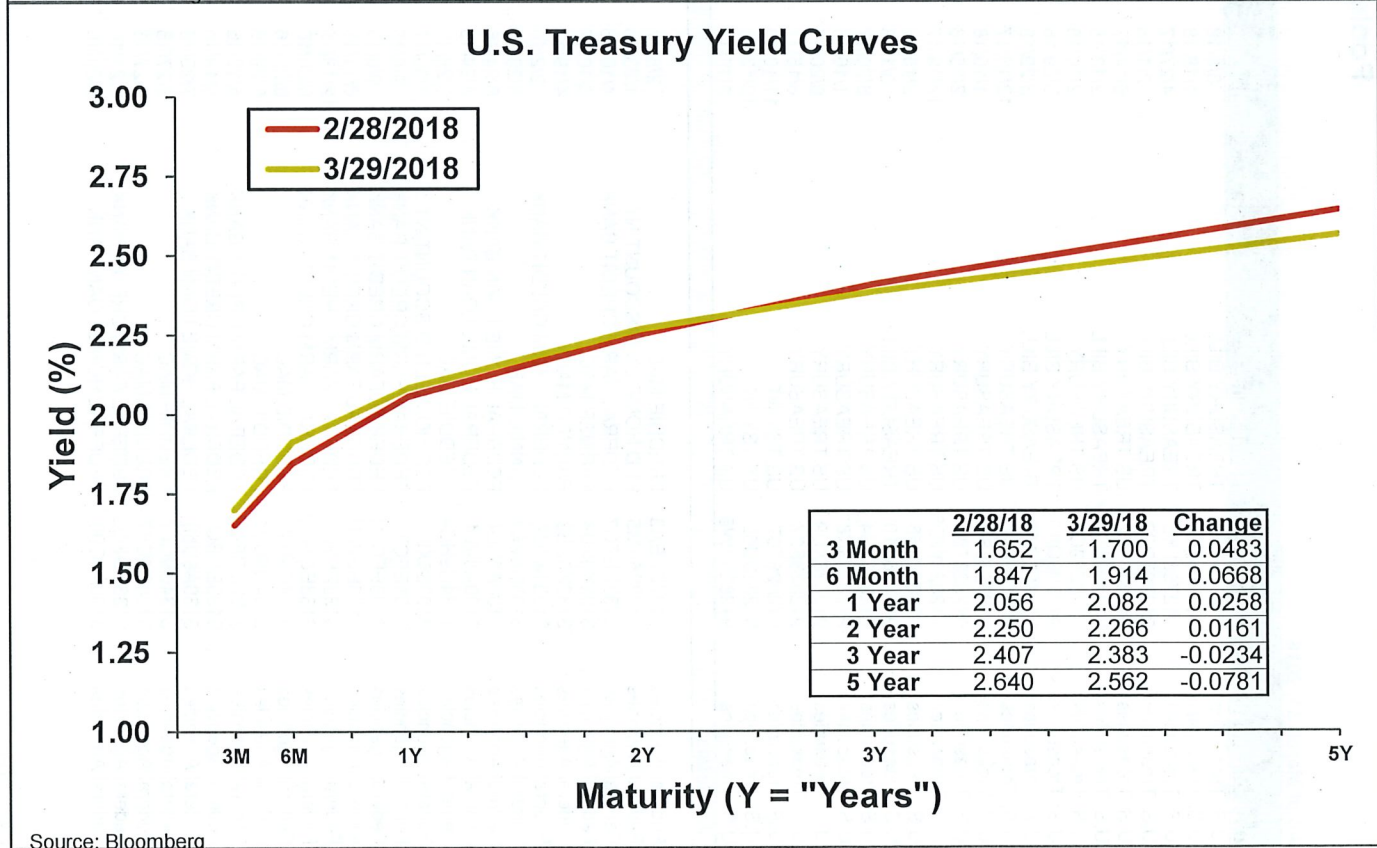
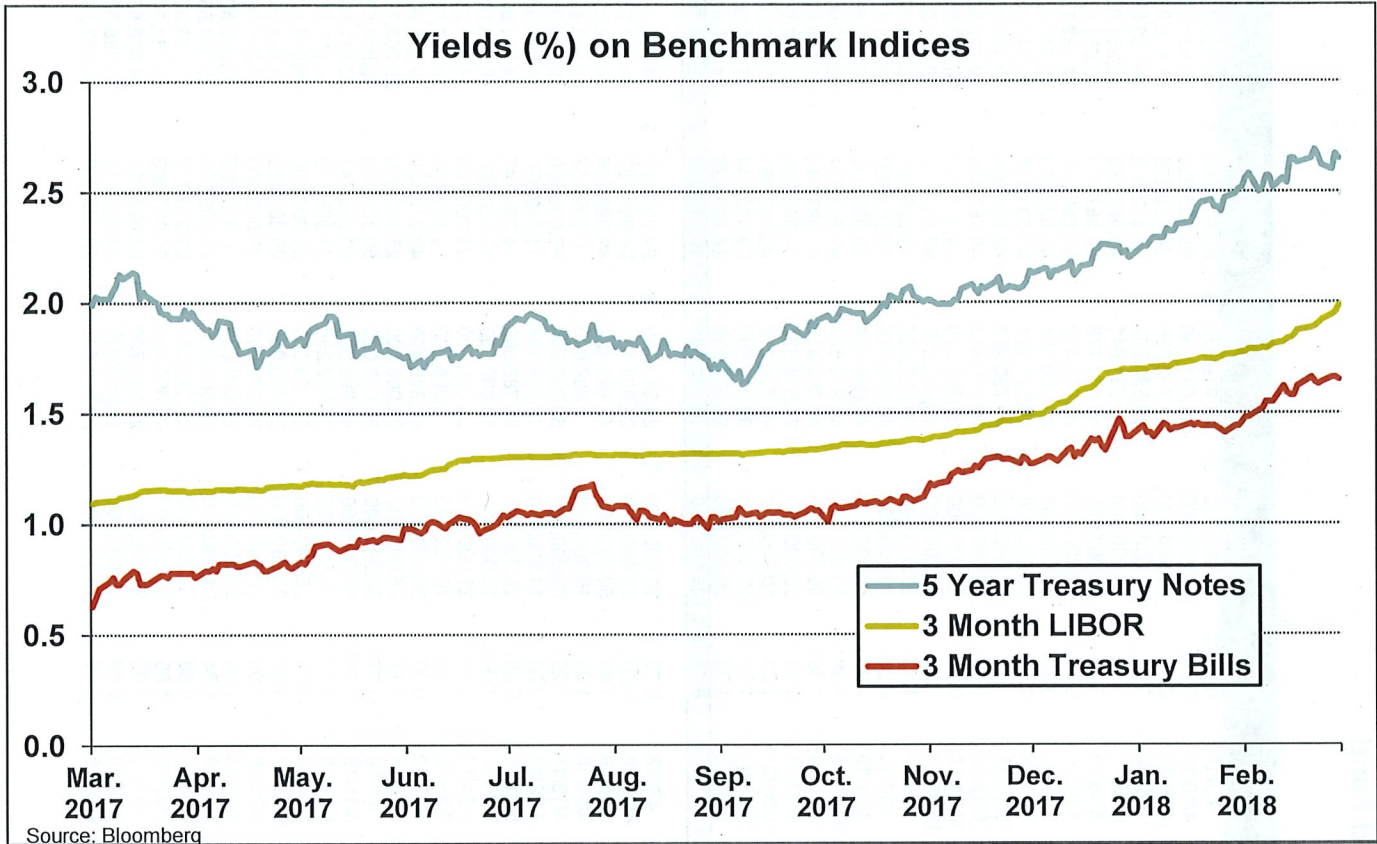


Callable bonds shown at maturity date.

### Asset Allocation by Market Value



# Yield Curves



# Investment Inventory

## Pooled Fund

As of March 31, 2018

| Type of Investment | CUSIP     | Issuer Name              | Settle Date | Maturity |             | Par Value               | Book Value              | Amortized               |                         |
|--------------------|-----------|--------------------------|-------------|----------|-------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                    |           |                          |             | Date     | Coupon      |                         |                         | Book Value              | Market Value            |
| U.S. Treasuries    | 912796NY1 | TREASURY BILL            | 3/8/18      | 4/5/18   | 0.00        | \$ 50,000,000           | \$ 49,939,722           | \$ 49,991,389           | \$ 49,995,667           |
| U.S. Treasuries    | 912796PB9 | TREASURY BILL            | 1/18/18     | 4/19/18  | 0.00        | 100,000,000             | 99,641,056              | 99,929,000              | 99,930,700              |
| U.S. Treasuries    | 912796LX5 | TREASURY BILL            | 4/27/17     | 4/26/18  | 0.00        | 25,000,000              | 24,732,056              | 24,732,056              | 24,975,463              |
| U.S. Treasuries    | 912796PC7 | TREASURY BILL            | 2/1/18      | 5/3/18   | 0.00        | 100,000,000             | 99,639,792              | 99,873,333              | 99,868,235              |
| U.S. Treasuries    | 912828XF2 | US TREASURY              | 6/14/17     | 6/15/18  | 1.13        | 50,000,000              | 49,931,641              | 49,985,992              | 49,934,000              |
| U.S. Treasuries    | 912796NQ8 | TREASURY BILL            | 2/13/18     | 8/16/18  | 0.00        | 50,000,000              | 49,552,778              | 49,667,014              | 49,657,007              |
| U.S. Treasuries    | 912828C3  | US TREASURY              | 2/14/18     | 8/31/18  | 0.75        | 25,000,000              | 24,857,422              | 24,890,546              | 24,882,750              |
| U.S. Treasuries    | 912796QA0 | TREASURY BILL            | 3/29/18     | 9/27/18  | 0.00        | 50,000,000              | 49,520,354              | 49,528,260              | 49,541,127              |
| U.S. Treasuries    | 912796QA0 | TREASURY BILL            | 3/29/18     | 9/27/18  | 0.00        | 50,000,000              | 49,523,261              | 49,531,119              | 49,541,127              |
| U.S. Treasuries    | 912828L81 | US TREASURY              | 12/13/17    | 10/15/18 | 0.88        | 50,000,000              | 49,736,929              | 49,784,984              | 49,705,000              |
| U.S. Treasuries    | 912828L81 | US TREASURY              | 1/10/18     | 10/15/18 | 0.88        | 50,000,000              | 49,776,442              | 49,767,480              | 49,705,000              |
| U.S. Treasuries    | 912828T83 | US TREASURY              | 2/15/18     | 10/31/18 | 0.75        | 25,000,000              | 24,851,320              | 24,831,498              | 24,824,250              |
| U.S. Treasuries    | 912828WD8 | US TREASURY              | 12/19/17    | 10/31/18 | 1.25        | 50,000,000              | 49,889,287              | 49,868,349              | 49,787,000              |
| U.S. Treasuries    | 912828V56 | US TREASURY              | 2/15/18     | 1/31/19  | 1.13        | 50,000,000              | 49,597,527              | 49,628,962              | 49,601,500              |
| U.S. Treasuries    | 912796PT0 | TREASURY BILL            | 3/1/18      | 2/28/19  | 0.00        | 50,000,000              | 48,978,778              | 49,065,750              | 49,091,457              |
| U.S. Treasuries    | 912828XS4 | US TREASURY              | 6/20/17     | 5/31/19  | 1.25        | 50,000,000              | 49,896,484              | 49,938,036              | 49,470,500              |
| U.S. Treasuries    | 9128283N8 | US TREASURY              | 1/16/18     | 12/31/19 | 1.88        | 50,000,000              | 49,912,530              | 49,884,634              | 49,666,000              |
| U.S. Treasuries    | 912828XU9 | US TREASURY              | 6/20/17     | 6/15/20  | 1.50        | 50,000,000              | 49,982,422              | 49,987,014              | 49,119,000              |
| U.S. Treasuries    | 912828S27 | US TREASURY              | 8/15/17     | 6/30/21  | 1.13        | 25,000,000              | 24,519,531              | 24,597,289              | 23,982,500              |
| U.S. Treasuries    | 912828T67 | US TSY NT                | 11/10/16    | 10/31/21 | 1.25        | 50,000,000              | 49,574,219              | 49,693,091              | 47,920,000              |
| U.S. Treasuries    | 912828U65 | US TSY NT                | 12/13/16    | 11/30/21 | 1.75        | 100,000,000             | 99,312,500              | 99,492,244              | 97,453,000              |
| U.S. Treasuries    | 912828XW5 | US TREASURY              | 8/15/17     | 6/30/22  | 1.75        | 25,000,000              | 24,977,539              | 24,980,429              | 24,229,500              |
| <b>Subtotals</b>   |           |                          |             |          | <b>0.74</b> | <b>\$ 1,125,000,000</b> | <b>\$ 1,118,343,589</b> | <b>\$ 1,119,648,469</b> | <b>\$ 1,112,880,783</b> |
| Federal Agencies   | 3137EAEA3 | FREDDIE MAC              | 2/8/17      | 4/9/18   | 0.75        | \$ 25,000,000           | \$ 24,944,750           | \$ 24,998,960           | \$ 24,995,250           |
| Federal Agencies   | 313385VM5 | FED HOME LN DISCOUNT NT  | 1/23/18     | 4/13/18  | 0.00        | 25,000,000              | 24,921,111              | 24,988,167              | 24,987,250              |
| Federal Agencies   | 3133EEZC7 | FEDERAL FARM CREDIT BANK | 4/16/15     | 4/16/18  | 1.84        | 50,000,000              | 49,992,422              | 49,999,896              | 50,002,000              |
| Federal Agencies   | 3132X0SB8 | FARMER MAC               | 8/10/17     | 4/19/18  | 1.25        | 10,000,000              | 9,998,000               | 9,999,857               | 9,998,400               |
| Federal Agencies   | 3132X0SB8 | FARMER MAC               | 4/19/17     | 4/19/18  | 1.25        | 50,000,000              | 50,000,000              | 50,000,000              | 49,992,000              |
| Federal Agencies   | 31331KJB7 | FEDERAL FARM CREDIT BANK | 2/2/16      | 4/25/18  | 3.00        | 14,230,000              | 14,876,184              | 14,249,076              | 14,246,649              |
| Federal Agencies   | 3135G0WJ8 | FANNIE MAE               | 5/23/13     | 5/21/18  | 0.88        | 25,000,000              | 24,786,500              | 24,994,147              | 24,971,000              |
| Federal Agencies   | 3130A8VL4 | FEDERAL HOME LOAN BANK   | 8/24/16     | 5/24/18  | 1.00        | 10,000,000              | 10,000,000              | 10,000,000              | 9,988,500               |
| Federal Agencies   | 3130A8VL4 | FEDERAL HOME LOAN BANK   | 8/24/16     | 5/24/18  | 1.00        | 25,000,000              | 25,000,000              | 25,000,000              | 24,971,250              |
| Federal Agencies   | 3134G9HC4 | FREDDIE MAC              | 5/25/16     | 5/25/18  | 1.00        | 10,000,000              | 9,995,000               | 9,999,630               | 9,987,900               |
| Federal Agencies   | 313385XL5 | FED HOME LN DISCOUNT NT  | 5/30/17     | 5/30/18  | 0.00        | 50,000,000              | 49,376,458              | 49,376,458              | 49,863,000              |
| Federal Agencies   | 3133EFCT2 | FEDERAL FARM CREDIT BANK | 9/8/15      | 6/8/18   | 1.77        | 25,000,000              | 25,000,000              | 25,000,000              | 25,008,750              |
| Federal Agencies   | 3133EFCT2 | FEDERAL FARM CREDIT BANK | 9/8/15      | 6/8/18   | 1.77        | 50,000,000              | 50,000,000              | 50,000,000              | 50,017,500              |
| Federal Agencies   | 3133EEW48 | FEDERAL FARM CREDIT BANK | 6/11/15     | 6/11/18  | 1.78        | 50,000,000              | 49,996,000              | 49,999,741              | 50,017,500              |
| Federal Agencies   | 3133EFSH1 | FEDERAL FARM CREDIT BANK | 12/18/15    | 6/14/18  | 1.17        | 25,000,000              | 24,952,250              | 24,996,113              | 24,977,500              |
| Federal Agencies   | 3133EGGC3 | FEDERAL FARM CREDIT BANK | 6/20/16     | 6/20/18  | 1.94        | 25,000,000              | 25,000,000              | 25,000,000              | 25,012,500              |
| Federal Agencies   | 3134G9UY1 | FREDDIE MAC              | 6/29/16     | 6/29/18  | 1.00        | 25,000,000              | 25,000,000              | 25,000,000              | 24,948,000              |
| Federal Agencies   | 3134G9UY1 | FREDDIE MAC              | 6/29/16     | 6/29/18  | 1.00        | 25,000,000              | 25,000,000              | 25,000,000              | 24,948,000              |
| Federal Agencies   | 3133EGBQ7 | FEDERAL FARM CREDIT BANK | 5/19/16     | 7/19/18  | 1.94        | 25,000,000              | 25,000,000              | 25,000,000              | 25,018,500              |
| Federal Agencies   | 3133EGBQ7 | FEDERAL FARM CREDIT BANK | 5/19/16     | 7/19/18  | 1.94        | 25,000,000              | 25,000,000              | 25,000,000              | 25,018,500              |
| Federal Agencies   | 3130A8U50 | FEDERAL HOME LOAN BANK   | 7/29/16     | 7/25/18  | 0.83        | 22,250,000              | 22,223,211              | 22,245,757              | 22,173,905              |
| Federal Agencies   | 3134G9Q67 | FREDDIE MAC              | 7/27/16     | 7/27/18  | 1.05        | 25,000,000              | 25,000,000              | 25,000,000              | 24,938,500              |
| Federal Agencies   | 3134G9Q67 | FREDDIE MAC              | 7/27/16     | 7/27/18  | 1.05        | 25,000,000              | 24,993,750              | 24,998,998              | 24,938,500              |
| Federal Agencies   | 3133EGFQ3 | FEDERAL FARM CREDIT BANK | 9/21/16     | 9/14/18  | 0.88        | 25,000,000              | 24,981,000              | 24,995,638              | 24,885,500              |
| Federal Agencies   | 3130A9C90 | FEDERAL HOME LOAN BANK   | 9/28/16     | 9/28/18  | 1.05        | 25,000,000              | 25,000,000              | 25,000,000              | 24,883,250              |

# Investment Inventory

## Pooled Fund

| Type of Investment | CUSIP      | Issuer Name              | Settle Date | Maturity |      | Coupon      | Par Value   | Book Value  | Amortized  |              |
|--------------------|------------|--------------------------|-------------|----------|------|-------------|-------------|-------------|------------|--------------|
|                    |            |                          |             | Date     | Date |             |             |             | Book Value | Market Value |
| Federal Agencies   | 3133EGFK6  | FEDERAL FARM CREDIT BANK | 6/17/16     | 10/17/18 | 1.94 | 25,000,000  | 25,000,000  | 25,000,000  | 25,035,250 |              |
| Federal Agencies   | 3133EGFK6  | FEDERAL FARM CREDIT BANK | 6/17/16     | 10/17/18 | 1.94 | 25,000,000  | 25,000,000  | 25,000,000  | 25,035,250 |              |
| Federal Agencies   | 313376BR5  | FEDERAL HOME LOAN BANK   | 11/8/17     | 12/14/18 | 1.75 | 2,770,000   | 2,775,337   | 2,773,420   | 2,764,100  |              |
| Federal Agencies   | 313376BR5  | FEDERAL HOME LOAN BANK   | 12/20/16    | 12/14/18 | 1.75 | 15,000,000  | 15,127,350  | 15,045,206  | 14,968,050 |              |
| Federal Agencies   | 313376BR5  | FEDERAL HOME LOAN BANK   | 8/23/17     | 12/14/18 | 1.75 | 25,000,000  | 25,136,250  | 25,073,256  | 24,946,750 |              |
| Federal Agencies   | 3135G0G72  | FANNIE MAE               | 11/8/17     | 12/14/18 | 1.13 | 3,775,000   | 3,756,648   | 3,763,238   | 3,750,425  |              |
| Federal Agencies   | 3133EGDM4  | FEDERAL FARM CREDIT BANK | 6/2/16      | 1/2/19   | 1.83 | 25,000,000  | 25,000,000  | 25,000,000  | 25,035,500 |              |
| Federal Agencies   | 3133EG2V6  | FEDERAL FARM CREDIT BANK | 1/3/17      | 1/3/19   | 1.74 | 25,000,000  | 25,000,000  | 25,000,000  | 25,015,250 |              |
| Federal Agencies   | 3134GAH23  | FREDDIE MAC              | 1/17/17     | 1/17/19  | 1.50 | 25,000,000  | 25,000,000  | 25,000,000  | 24,971,250 |              |
| Federal Agencies   | 3130A8VZ3  | FEDERAL HOME LOAN BANK   | 7/28/16     | 1/25/19  | 1.05 | 25,000,000  | 25,000,000  | 25,000,000  | 24,784,000 |              |
| Federal Agencies   | 3132X0EK3  | FARMER MAC               | 1/25/16     | 1/25/19  | 1.85 | 25,000,000  | 25,000,000  | 25,000,000  | 25,031,000 |              |
| Federal Agencies   | 3134GAS39  | FREDDIE MAC              | 2/1/17      | 2/1/19   | 1.50 | 25,000,000  | 25,000,000  | 25,000,000  | 24,972,750 |              |
| Federal Agencies   | 3133EGBU8  | FEDERAL FARM CREDIT BANK | 5/25/16     | 2/25/19  | 2.05 | 50,000,000  | 50,000,000  | 50,000,000  | 50,120,000 |              |
| Federal Agencies   | 3132X0ED9  | FARMER MAC               | 1/19/16     | 3/19/19  | 2.25 | 40,000,000  | 40,000,000  | 40,000,000  | 40,106,800 |              |
| Federal Agencies   | 3133EJHG7  | FEDERAL FARM CREDIT BANK | 3/22/18     | 3/22/19  | 2.13 | 25,000,000  | 24,993,050  | 24,993,240  | 24,997,500 |              |
| Federal Agencies   | 3133EJHG7  | FEDERAL FARM CREDIT BANK | 3/22/18     | 3/22/19  | 2.13 | 25,000,000  | 24,993,050  | 24,993,240  | 24,997,500 |              |
| Federal Agencies   | 3134GBFR8  | FREDDIE MAC              | 4/5/17      | 4/5/19   | 1.40 | 25,000,000  | 25,000,000  | 25,000,000  | 24,756,500 |              |
| Federal Agencies   | 3133EGAV7  | FEDERAL FARM CREDIT BANK | 12/5/17     | 5/17/19  | 1.17 | 50,350,000  | 49,891,060  | 49,969,829  | 49,752,346 |              |
| Federal Agencies   | 3136G3QP3  | FANNIE MAE               | 5/24/16     | 5/24/19  | 1.25 | 10,000,000  | 10,000,000  | 10,000,000  | 9,894,400  |              |
| Federal Agencies   | 3130ABF92  | FEDERAL HOME LOAN BANK   | 5/12/17     | 5/28/19  | 1.38 | 30,000,000  | 29,943,300  | 29,967,926  | 29,724,000 |              |
| Federal Agencies   | 3133EHLG6  | FEDERAL FARM CREDIT BANK | 5/30/17     | 5/30/19  | 1.32 | 27,000,000  | 26,983,800  | 26,990,591  | 26,737,290 |              |
| Federal Agencies   | 3133EHMR1  | FEDERAL FARM CREDIT BANK | 6/12/17     | 6/12/19  | 1.38 | 50,000,000  | 50,000,000  | 50,000,000  | 49,546,000 |              |
| Federal Agencies   | 313379EE5  | FEDERAL HOME LOAN BANK   | 6/9/17      | 6/14/19  | 1.63 | 25,000,000  | 25,105,750  | 25,063,162  | 24,835,500 |              |
| Federal Agencies   | 313379EE5  | FEDERAL HOME LOAN BANK   | 8/23/17     | 6/14/19  | 1.63 | 25,000,000  | 25,108,750  | 25,072,335  | 24,835,500 |              |
| Federal Agencies   | 313379EE5  | FEDERAL HOME LOAN BANK   | 8/9/17      | 6/14/19  | 1.63 | 35,750,000  | 35,875,840  | 35,831,964  | 35,514,765 |              |
| Federal Agencies   | 3134G9QVW0 | FREDDIE MAC              | 6/14/16     | 6/14/19  | 1.28 | 50,000,000  | 50,000,000  | 50,000,000  | 49,463,500 |              |
| Federal Agencies   | 3130AC7C2  | FEDERAL HOME LOAN BANK   | 8/23/17     | 7/11/19  | 1.40 | 15,000,000  | 15,005,400  | 15,003,663  | 14,853,750 |              |
| Federal Agencies   | 3134G9YR2  | FREDDIE MAC              | 7/12/16     | 7/12/19  | 1.50 | 50,000,000  | 50,000,000  | 50,000,000  | 49,631,500 |              |
| Federal Agencies   | 3133EGED3  | FEDERAL FARM CREDIT BANK | 6/9/16      | 8/9/19   | 1.90 | 25,000,000  | 25,000,000  | 25,000,000  | 25,079,000 |              |
| Federal Agencies   | 3133EGED3  | FEDERAL FARM CREDIT BANK | 6/9/16      | 8/9/19   | 1.90 | 25,000,000  | 25,000,000  | 25,000,000  | 25,079,000 |              |
| Federal Agencies   | 3134G94F1  | FREDDIE MAC              | 8/15/16     | 8/15/19  | 1.25 | 25,000,000  | 25,000,000  | 25,000,000  | 24,670,500 |              |
| Federal Agencies   | 3133EGX67  | FEDERAL FARM CREDIT BANK | 12/20/16    | 8/20/19  | 1.94 | 50,000,000  | 50,000,000  | 50,000,000  | 50,098,000 |              |
| Federal Agencies   | 3135G0P23  | FANNIE MAE               | 8/30/16     | 8/23/19  | 1.25 | 20,000,000  | 20,000,000  | 20,000,000  | 19,727,600 |              |
| Federal Agencies   | 3136G3X59  | FANNIE MAE               | 8/23/16     | 8/23/19  | 1.10 | 25,000,000  | 25,000,000  | 25,000,000  | 24,610,500 |              |
| Federal Agencies   | 3134G9GS0  | FREDDIE MAC              | 5/26/16     | 8/26/19  | 1.25 | 25,000,000  | 25,000,000  | 25,000,000  | 24,659,750 |              |
| Federal Agencies   | 3134GAFY5  | FREDDIE MAC              | 11/28/17    | 8/28/19  | 1.30 | 8,450,000   | 8,374,795   | 8,389,412   | 8,330,686  |              |
| Federal Agencies   | 3134GAHR8  | FREDDIE MAC              | 9/23/16     | 9/23/19  | 1.50 | 25,000,000  | 25,000,000  | 25,000,000  | 24,869,750 |              |
| Federal Agencies   | 3135G0Q30  | FANNIE MAE               | 10/21/16    | 9/27/19  | 1.18 | 50,000,000  | 50,000,000  | 50,000,000  | 49,208,500 |              |
| Federal Agencies   | 3132X0KH3  | FARMER MAC               | 10/6/16     | 10/1/19  | 1.70 | 50,000,000  | 50,000,000  | 50,000,000  | 50,129,500 |              |
| Federal Agencies   | 3133EGXK6  | FEDERAL FARM CREDIT BANK | 12/11/17    | 10/11/19 | 1.12 | 20,000,000  | 19,763,111  | 19,779,758  | 19,647,800 |              |
| Federal Agencies   | 3134G8TG4  | FREDDIE MAC              | 4/11/16     | 10/11/19 | 1.50 | 15,000,000  | 15,000,000  | 15,000,000  | 14,826,750 |              |
| Federal Agencies   | 3130ACM92  | FEDERAL HOME LOAN BANK   | 10/13/17    | 10/21/19 | 1.50 | 21,500,000  | 21,461,945  | 21,470,711  | 21,252,535 |              |
| Federal Agencies   | 3136G0T68  | FANNIE MAE               | 8/28/17     | 10/24/19 | 1.33 | 14,000,000  | 13,968,220  | 13,976,942  | 13,785,940 |              |
| Federal Agencies   | 3134GBHT2  | FREDDIE MAC              | 9/12/17     | 10/25/19 | 1.63 | 50,000,000  | 50,024,500  | 50,018,129  | 49,484,500 |              |
| Federal Agencies   | 3136G4FJ7  | FANNIE MAE               | 10/25/16    | 10/25/19 | 1.20 | 25,000,000  | 25,000,000  | 25,000,000  | 24,589,250 |              |
| Federal Agencies   | 3136G4E22  | FANNIE MAE               | 10/28/16    | 10/30/19 | 1.13 | 50,000,000  | 49,950,000  | 49,973,701  | 49,113,000 |              |
| Federal Agencies   | 3134GAVL5  | FREDDIE MAC              | 11/4/16     | 11/4/19  | 1.17 | 100,000,000 | 100,000,000 | 100,000,000 | 98,269,000 |              |
| Federal Agencies   | 3136G3LV5  | FANNIE MAE               | 5/26/16     | 11/26/19 | 1.35 | 8,950,000   | 8,950,000   | 8,950,000   | 8,816,019  |              |
| Federal Agencies   | 3133EGN43  | FEDERAL FARM CREDIT BANK | 12/2/16     | 12/2/19  | 1.83 | 50,000,000  | 50,000,000  | 50,000,000  | 50,158,500 |              |
| Federal Agencies   | 3130A0JR2  | FEDERAL HOME LOAN BANK   | 12/15/17    | 12/13/19 | 2.38 | 11,360,000  | 11,466,387  | 11,449,472  | 11,369,429 |              |

# Investment Inventory

## Pooled Fund

| Type of Investment | CUSIP     | Issuer Name              | Maturity    |          |        | Par Value   | Book Value  | Amortized   |              | Market Value |
|--------------------|-----------|--------------------------|-------------|----------|--------|-------------|-------------|-------------|--------------|--------------|
|                    |           |                          | Settle Date | Date     | Coupon |             |             | Book Value  | Market Value |              |
| Federal Agencies   | 3130A0JR2 | FEDERAL HOME LOAN BANK   | 12/12/17    | 12/13/19 | 2.38   | 20,000,000  | 20,186,124  | 20,158,116  | 20,016,600   |              |
| Federal Agencies   | 3130A0JR2 | FEDERAL HOME LOAN BANK   | 12/15/17    | 12/13/19 | 2.38   | 40,000,000  | 40,374,478  | 40,314,936  | 40,033,200   |              |
| Federal Agencies   | 3132X0PG0 | FARMER MAC               | 2/10/17     | 1/3/20   | 1.76   | 50,000,000  | 50,000,000  | 50,000,000  | 50,091,000   |              |
| Federal Agencies   | 3134G9VR5 | FREDDIE MAC              | 7/6/16      | 1/6/20   | 1.38   | 25,000,000  | 25,000,000  | 25,000,000  | 24,702,000   |              |
| Federal Agencies   | 3136G4KQ5 | FANNIE MAE               | 11/17/17    | 1/17/20  | 1.65   | 1,000,000   | 996,070     | 996,741     | 988,840      |              |
| Federal Agencies   | 3136G4KQ5 | FANNIE MAE               | 11/17/17    | 1/17/20  | 1.65   | 31,295,000  | 31,172,011  | 31,193,001  | 30,945,748   |              |
| Federal Agencies   | 3130ADN32 | FEDERAL HOME LOAN BANK   | 2/9/18      | 2/11/20  | 2.13   | 50,000,000  | 49,908,500  | 49,914,875  | 49,793,000   |              |
| Federal Agencies   | 313378J77 | FEDERAL HOME LOAN BANK   | 5/17/17     | 3/13/20  | 1.88   | 15,710,000  | 15,843,849  | 15,802,435  | 15,560,127   |              |
| Federal Agencies   | 3133EHZN6 | FEDERAL FARM CREDIT BANK | 9/20/17     | 3/20/20  | 1.45   | 20,000,000  | 19,979,400  | 19,983,759  | 19,656,600   |              |
| Federal Agencies   | 3133EJHL6 | FEDERAL FARM CREDIT BANK | 3/27/18     | 3/27/20  | 2.38   | 50,000,000  | 49,964,000  | 49,964,246  | 50,001,500   |              |
| Federal Agencies   | 3136G3TK1 | FANNIE MAE               | 7/6/16      | 4/6/20   | 1.50   | 25,000,000  | 25,000,000  | 25,000,000  | 24,810,250   |              |
| Federal Agencies   | 3136G4BL6 | FANNIE MAE               | 10/17/16    | 4/17/20  | 1.25   | 15,000,000  | 15,000,000  | 15,000,000  | 14,674,800   |              |
| Federal Agencies   | 3134GBLY6 | FREDDIE MAC              | 5/8/17      | 5/8/20   | 1.50   | 25,000,000  | 25,000,000  | 25,000,000  | 24,917,750   |              |
| Federal Agencies   | 3134GBPB2 | FREDDIE MAC              | 5/30/17     | 5/22/20  | 1.70   | 15,750,000  | 15,750,000  | 15,750,000  | 15,517,215   |              |
| Federal Agencies   | 3133EHNK5 | FEDERAL FARM CREDIT BANK | 6/15/17     | 6/15/20  | 1.54   | 25,000,000  | 24,997,500  | 24,998,162  | 24,540,750   |              |
| Federal Agencies   | 3133EHNK5 | FEDERAL FARM CREDIT BANK | 6/15/17     | 6/15/20  | 1.54   | 26,900,000  | 26,894,620  | 26,896,044  | 26,405,847   |              |
| Federal Agencies   | 3134GBST0 | FREDDIE MAC              | 6/22/17     | 6/22/20  | 1.65   | 14,675,000  | 14,675,000  | 14,675,000  | 14,433,743   |              |
| Federal Agencies   | 3134GBTX0 | FREDDIE MAC              | 6/29/17     | 6/29/20  | 1.75   | 50,000,000  | 49,990,000  | 49,992,518  | 49,232,500   |              |
| Federal Agencies   | 3136G3TG0 | FANNIE MAE               | 6/30/16     | 6/30/20  | 1.15   | 15,000,000  | 15,000,000  | 15,000,000  | 14,714,100   |              |
| Federal Agencies   | 3134GB5M0 | FREDDIE MAC              | 12/1/17     | 7/1/20   | 1.96   | 50,000,000  | 50,000,000  | 50,000,000  | 49,596,000   |              |
| Federal Agencies   | 3133EHQB2 | FEDERAL FARM CREDIT BANK | 7/6/17      | 7/6/20   | 1.55   | 25,000,000  | 24,989,961  | 24,992,425  | 24,527,500   |              |
| Federal Agencies   | 3130ABNV4 | FEDERAL HOME LOAN BANK   | 7/13/17     | 7/13/20  | 1.75   | 50,000,000  | 50,000,000  | 50,000,000  | 49,293,500   |              |
| Federal Agencies   | 3134GBXV9 | FREDDIE MAC              | 7/13/17     | 7/13/20  | 1.85   | 50,000,000  | 50,000,000  | 50,000,000  | 49,257,500   |              |
| Federal Agencies   | 3135G0T60 | FANNIE MAE               | 8/1/17      | 7/30/20  | 1.50   | 50,000,000  | 49,848,500  | 49,882,151  | 48,997,500   |              |
| Federal Agencies   | 3130ABZE9 | FEDERAL HOME LOAN BANK   | 8/28/17     | 8/28/20  | 1.65   | 6,700,000   | 6,699,330   | 6,699,462   | 6,584,291    |              |
| Federal Agencies   | 3130ABZN9 | FEDERAL HOME LOAN BANK   | 8/28/17     | 8/28/20  | 1.80   | 25,000,000  | 25,000,000  | 25,000,000  | 24,630,500   |              |
| Federal Agencies   | 3130ABZN9 | FEDERAL HOME LOAN BANK   | 8/28/17     | 8/28/20  | 1.80   | 50,000,000  | 50,000,000  | 50,000,000  | 49,261,000   |              |
| Federal Agencies   | 3130ADT93 | FEDERAL HOME LOAN BANK   | 3/14/18     | 9/14/20  | 2.40   | 25,000,000  | 24,984,458  | 24,984,763  | 25,003,000   |              |
| Federal Agencies   | 3130ACE26 | FEDERAL HOME LOAN BANK   | 9/8/17      | 9/28/20  | 1.38   | 18,000,000  | 17,942,220  | 17,952,834  | 17,558,640   |              |
| Federal Agencies   | 3130ACE26 | FEDERAL HOME LOAN BANK   | 9/8/17      | 9/28/20  | 1.38   | 30,000,000  | 29,903,700  | 29,921,390  | 29,264,400   |              |
| Federal Agencies   | 3130ACK52 | FEDERAL HOME LOAN BANK   | 3/12/18     | 10/5/20  | 1.70   | 25,530,000  | 25,224,378  | 25,045,653  | 25,069,949   |              |
| Federal Agencies   | 3132X0KR1 | FARMER MAC               | 11/2/16     | 11/2/20  | 1.87   | 25,000,000  | 25,000,000  | 25,000,000  | 25,124,000   |              |
| Federal Agencies   | 3132X0ZF1 | FARMER MAC               | 11/13/17    | 11/9/20  | 1.93   | 12,000,000  | 11,972,573  | 11,973,819  | 11,839,080   |              |
| Federal Agencies   | 3137EAEK1 | FREDDIE MAC              | 11/15/17    | 11/17/20 | 1.88   | 50,000,000  | 49,952,000  | 49,957,989  | 49,264,000   |              |
| Federal Agencies   | 3134GBX56 | FREDDIE MAC              | 11/24/17    | 11/24/20 | 2.25   | 60,000,000  | 60,223,200  | 60,197,133  | 59,708,400   |              |
| Federal Agencies   | 3134GBLR1 | FREDDIE MAC              | 5/25/17     | 11/25/20 | 1.75   | 24,715,000  | 24,712,529  | 24,713,129  | 24,231,080   |              |
| Federal Agencies   | 3133EHW58 | FEDERAL FARM CREDIT BANK | 11/27/17    | 11/27/20 | 1.90   | 25,000,000  | 24,992,629  | 24,993,470  | 24,649,250   |              |
| Federal Agencies   | 3133EHW58 | FEDERAL FARM CREDIT BANK | 11/27/17    | 11/27/20 | 1.90   | 25,000,000  | 24,992,629  | 24,993,470  | 24,649,250   |              |
| Federal Agencies   | 3130A3UQ5 | FEDERAL HOME LOAN BANK   | 12/13/17    | 12/11/20 | 1.88   | 10,000,000  | 9,958,642   | 9,961,825   | 9,854,500    |              |
| Federal Agencies   | 3132X0ZY0 | FARMER MAC               | 12/15/17    | 12/15/20 | 2.05   | 12,750,000  | 12,741,458  | 12,742,291  | 12,591,645   |              |
| Federal Agencies   | 3133EGX75 | FEDERAL FARM CREDIT BANK | 12/21/16    | 12/21/20 | 2.03   | 50,000,000  | 50,000,000  | 50,000,000  | 50,214,000   |              |
| Federal Agencies   | 3133EFTX5 | FEDERAL FARM CREDIT BANK | 12/24/15    | 12/24/20 | 2.20   | 100,000,000 | 100,000,000 | 100,000,000 | 100,717,000  |              |
| Federal Agencies   | 3133EG4T9 | FEDERAL FARM CREDIT BANK | 1/25/17     | 1/25/21  | 2.03   | 20,000,000  | 20,000,000  | 20,000,000  | 20,075,200   |              |
| Federal Agencies   | 3133EG4T9 | FEDERAL FARM CREDIT BANK | 1/25/17     | 1/25/21  | 2.03   | 20,000,000  | 20,000,000  | 20,000,000  | 20,075,200   |              |
| Federal Agencies   | 3130AC2K9 | FEDERAL HOME LOAN BANK   | 9/20/17     | 2/10/21  | 1.87   | 50,200,000  | 50,189,960  | 50,191,524  | 49,367,182   |              |
| Federal Agencies   | 3137EAE19 | FREDDIE MAC              | 2/16/18     | 2/16/21  | 2.38   | 22,000,000  | 21,941,920  | 21,944,252  | 21,937,740   |              |
| Federal Agencies   | 3134GBD58 | FREDDIE MAC              | 8/30/17     | 2/26/21  | 1.80   | 5,570,000   | 5,569,443   | 5,569,536   | 5,452,696    |              |
| Federal Agencies   | 3130AAYP7 | FEDERAL HOME LOAN BANK   | 8/11/17     | 3/22/21  | 2.20   | 8,585,000   | 8,593,327   | 8,591,856   | 8,585,172    |              |
| Federal Agencies   | 3132X0Q53 | FARMER MAC               | 3/29/18     | 3/29/21  | 2.60   | 6,350,000   | 6,343,079   | 6,343,097   | 6,356,604    |              |
| Federal Agencies   | 3132X0Q53 | FARMER MAC               | 3/29/18     | 3/29/21  | 2.60   | 20,450,000  | 20,427,710  | 20,427,771  | 20,471,268   |              |



# Investment Inventory

## Pooled Fund

| Type of Investment   | CUSIP     | Issuer Name                   | Settle Date | Maturity |      | Counon       | Par Value               | Book Value              | Amortized               |                         |
|----------------------|-----------|-------------------------------|-------------|----------|------|--------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                      |           |                               |             | Date     |      |              |                         |                         | Book Value              | Market Value            |
| Federal Agencies     | 3134GBJP8 | FREDDIE MAC                   | 11/16/17    | 5/3/21   | 1.89 | 22,000,000   | 21,889,615              | 21,888,092              | 21,528,320              |                         |
| Federal Agencies     | 3130ACVS0 | FEDERAL HOME LOAN BANK        | 11/30/17    | 6/15/21  | 2.13 | 50,000,000   | 50,000,000              | 50,000,000              | 49,230,000              |                         |
| Federal Agencies     | 3130ACVS0 | FEDERAL HOME LOAN BANK        | 11/30/17    | 6/15/21  | 2.13 | 50,000,000   | 50,000,000              | 50,000,000              | 49,230,000              |                         |
| Federal Agencies     | 3134GBJ60 | FREDDIE MAC                   | 9/29/17     | 6/29/21  | 1.90 | 50,000,000   | 50,000,000              | 50,000,000              | 48,900,500              |                         |
| Federal Agencies     | 3134G9H26 | FREDDIE MAC                   | 1/29/18     | 6/30/21  | 1.50 | 1,219,000    | 1,203,407               | 1,202,782               | 1,199,789               |                         |
| Federal Agencies     | 3134G9H26 | FREDDIE MAC                   | 1/25/18     | 6/30/21  | 1.50 | 3,917,000    | 3,874,076               | 3,872,474               | 3,855,268               |                         |
| Federal Agencies     | 3130ACQ98 | FEDERAL HOME LOAN BANK        | 11/1/17     | 7/1/21   | 2.08 | 100,000,000  | 100,000,000             | 100,000,000             | 98,412,000              |                         |
| Federal Agencies     | 3134GBM25 | FREDDIE MAC                   | 10/2/17     | 7/1/21   | 1.92 | 50,000,000   | 50,000,000              | 50,000,000              | 48,953,500              |                         |
| Federal Agencies     | 3130ACF33 | FEDERAL HOME LOAN BANK        | 9/18/17     | 9/13/21  | 1.88 | 25,000,000   | 24,927,500              | 24,937,210              | 24,400,250              |                         |
| Federal Agencies     | 3135G0Q89 | FANNIE MAE                    | 10/21/16    | 10/7/21  | 1.38 | 25,000,000   | 25,000,000              | 25,000,000              | 24,026,000              |                         |
| Federal Agencies     | 3133EGZJ7 | FEDERAL FARM CREDIT BANK      | 10/25/16    | 10/25/21 | 1.38 | 14,500,000   | 14,500,000              | 14,500,000              | 13,911,445              |                         |
| Federal Agencies     | 3133EGZJ7 | FEDERAL FARM CREDIT BANK      | 10/25/16    | 10/25/21 | 1.38 | 15,000,000   | 15,000,000              | 15,000,000              | 14,391,150              |                         |
| Federal Agencies     | 3133EGS97 | FEDERAL FARM CREDIT BANK      | 12/8/16     | 12/8/21  | 1.98 | 25,000,000   | 25,000,000              | 25,000,000              | 25,148,000              |                         |
| Federal Agencies     | 3133EGS97 | FEDERAL FARM CREDIT BANK      | 12/8/16     | 12/8/21  | 1.98 | 25,000,000   | 25,000,000              | 25,000,000              | 25,148,000              |                         |
| Federal Agencies     | 3130ACB60 | FEDERAL HOME LOAN BANK        | 9/8/17      | 12/15/21 | 2.00 | 50,000,000   | 50,000,000              | 50,000,000              | 48,737,500              |                         |
| Federal Agencies     | 3135G0T45 | FANNIE MAE                    | 6/6/17      | 4/5/22   | 1.88 | 25,000,000   | 25,072,250              | 25,060,004              | 24,344,500              |                         |
| Federal Agencies     | 3134GBQG0 | FREDDIE MAC                   | 5/25/17     | 5/25/22  | 2.18 | 50,000,000   | 50,000,000              | 50,000,000              | 48,917,500              |                         |
| Federal Agencies     | 3133EHLY7 | FEDERAL FARM CREDIT BANK      | 6/6/17      | 6/2/22   | 1.88 | 50,000,000   | 50,059,250              | 50,049,527              | 48,528,500              |                         |
| Federal Agencies     | 3133EHLY7 | FEDERAL FARM CREDIT BANK      | 6/9/17      | 6/2/22   | 1.88 | 50,000,000   | 49,997,500              | 49,997,907              | 48,528,500              |                         |
| Federal Agencies     | 3134GBF72 | FREDDIE MAC                   | 9/15/17     | 6/15/22  | 2.01 | 50,000,000   | 50,000,000              | 50,000,000              | 48,466,000              |                         |
| Federal Agencies     | 3134GBN73 | FREDDIE MAC                   | 10/2/17     | 7/1/22   | 2.07 | 50,000,000   | 50,000,000              | 50,000,000              | 48,772,000              |                         |
| Federal Agencies     | 3134GBW99 | FREDDIE MAC                   | 11/1/17     | 7/1/22   | 2.24 | 100,000,000  | 100,000,000             | 100,000,000             | 98,077,000              |                         |
| Federal Agencies     | 3134GBXU1 | FREDDIE MAC                   | 7/27/17     | 7/27/22  | 2.25 | 31,575,000   | 31,575,000              | 31,575,000              | 30,786,888              |                         |
| Federal Agencies     | 3130AC7E8 | FEDERAL HOME LOAN BANK        | 9/1/17      | 9/1/22   | 2.17 | 50,000,000   | 50,000,000              | 50,000,000              | 48,509,000              |                         |
| <b>Subtotals</b>     |           |                               |             |          |      | <b>1.70</b>  | <b>\$ 4,596,776,000</b> | <b>\$ 4,595,724,972</b> | <b>\$ 4,595,194,301</b> | <b>\$ 4,551,885,764</b> |
| State/Local Agencies | 91412GL52 | UNIV OF CALIFORNIA CA REVENUE | 6/30/16     | 5/15/18  | 0.99 | \$ 2,470,000 | \$ 2,470,000            | \$ 2,470,000            | \$ 2,466,517            |                         |
| State/Local Agencies | 546456CY8 | LOUISIANA ST CITIZENS PROPERT | 11/30/16    | 6/1/18   | 6.13 | 4,500,000    | 4,822,065               | 4,535,850               | 4,533,435               |                         |
| State/Local Agencies | 603786GJ7 | MINNEAPOLIS MN REVENUE        | 12/1/16     | 8/1/18   | 4.88 | 1,000,000    | 1,057,030               | 1,011,444               | 1,010,670               |                         |
| State/Local Agencies | 13063C4V9 | CALIFORNIA ST                 | 11/3/16     | 11/1/18  | 1.05 | 50,000,000   | 50,147,500              | 50,043,359              | 49,683,500              |                         |
| State/Local Agencies | 13063DAB4 | CALIFORNIA ST                 | 4/27/17     | 4/1/19   | 1.59 | 23,000,000   | 23,000,000              | 23,000,000              | 22,853,260              |                         |
| State/Local Agencies | 13063CKL3 | CALIFORNIA ST                 | 10/27/16    | 5/1/19   | 2.25 | 4,750,000    | 4,879,058               | 4,805,653               | 4,750,428               |                         |
| State/Local Agencies | 91412GL60 | UNIV OF CALIFORNIA CA REVENUE | 6/30/16     | 5/15/19  | 1.23 | 2,000,000    | 2,000,000               | 2,000,000               | 1,974,540               |                         |
| State/Local Agencies | 91412GSB2 | UNIV OF CALIFORNIA CA REVENUE | 10/5/15     | 7/1/19   | 1.80 | 4,180,000    | 4,214,443               | 4,191,506               | 4,161,650               |                         |
| State/Local Agencies | 91412GSB2 | UNIV OF CALIFORNIA CA REVENUE | 10/2/15     | 7/1/19   | 1.80 | 16,325,000   | 16,461,640              | 16,370,547              | 16,253,333              |                         |
| State/Local Agencies | 6055804W6 | MISSISSIPPI ST                | 4/23/15     | 10/1/19  | 6.09 | 8,500,000    | 10,217,510              | 9,080,268               | 8,919,560               |                         |
| State/Local Agencies | 977100CW4 | WISCONSIN ST GEN FUND ANNUAL  | 8/16/16     | 5/1/20   | 1.45 | 18,000,000   | 18,000,000              | 18,000,000              | 17,603,640              |                         |
| State/Local Agencies | 13066YTY5 | CALIFORNIA ST DEPT OF WTR RES | 2/6/17      | 5/1/21   | 1.71 | 29,139,823   | 28,646,777              | 28,780,490              | 28,436,388              |                         |
| State/Local Agencies | 91412GF59 | UNIV OF CALIFORNIA CA REVENUE | 8/9/16      | 5/15/21  | 1.91 | 1,769,000    | 1,810,695               | 1,796,318               | 1,735,548               |                         |
| <b>Subtotals</b>     |           |                               |             |          |      | <b>1.86</b>  | <b>\$ 165,633,823</b>   | <b>\$ 167,726,719</b>   | <b>\$ 166,085,434</b>   | <b>\$ 164,382,469</b>   |
| Public Time Deposits | PP302GIL3 | BANK OF SAN FRANCISCO         | 4/11/17     | 4/11/18  | 1.37 | \$ 240,000   | \$ 240,000              | \$ 240,000              | \$ 240,000              |                         |
| Public Time Deposits | PPA01U877 | PREFERRED BANK LA CALIF       | 5/16/17     | 5/16/18  | 1.44 | 240,000      | 240,000                 | 240,000                 | 240,000                 |                         |
| Public Time Deposits | PPA30X603 | SAN FRANCISCO CREDIT UNION    | 3/5/18      | 6/5/18   | 1.58 | 9,500,000    | 9,500,000               | 9,500,000               | 9,500,000               |                         |
| Public Time Deposits | PPQD16IX7 | BRIDGE BANK                   | 3/27/18     | 6/25/18  | 1.73 | 10,000,000   | 10,000,000              | 10,000,000              | 10,000,000              |                         |
| Public Time Deposits | PPF00EG70 | BANK OF SAN FRANCISCO         | 3/16/18     | 9/12/18  | 1.91 | 5,000,000    | 5,000,000               | 5,000,000               | 5,000,000               |                         |
| <b>Subtotals</b>     |           |                               |             |          |      | <b>1.70</b>  | <b>\$ 24,980,000</b>    | <b>\$ 24,980,000</b>    | <b>\$ 24,980,000</b>    | <b>\$ 24,980,000</b>    |

## Investment Inventory Pooled Fund

| Type of Investment | CUSIP     | Issuer Name                 | Settle Date | Maturity |             | Coupon                  | Par Value               | Book Value              | Amortized               |              |
|--------------------|-----------|-----------------------------|-------------|----------|-------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------|
|                    |           |                             |             | Date     | Date        |                         |                         |                         | Book Value              | Market Value |
| Negotiable CDs     | 78009N5U6 | ROYAL BANK OF CANADA NY     | 12/22/17    | 4/24/18  | 1.78        | \$ 50,000,000           | \$ 50,000,000           | \$ 50,000,000           | \$ 50,003,056           |              |
| Negotiable CDs     | 78009NT63 | ROYAL BANK OF CANADA NY     | 5/10/17     | 5/10/18  | 1.47        | 50,000,000              | 50,000,000              | 50,000,000              | 49,987,119              |              |
| Negotiable CDs     | 06417GZN1 | BANK OF NOVA SCOTIA HOUSTON | 10/16/17    | 5/14/18  | 1.54        | 50,000,000              | 50,000,000              | 50,000,000              | 49,990,734              |              |
| Negotiable CDs     | 06417GXY9 | BANK OF NOVA SCOTIA HOUSTON | 8/30/17     | 5/25/18  | 1.48        | 35,000,000              | 35,000,000              | 35,000,000              | 34,988,548              |              |
| Negotiable CDs     | 89113W2C9 | TORONTO DOMINION BANK NY    | 6/2/17      | 6/4/18   | 1.46        | 50,000,000              | 50,000,000              | 50,000,000              | 49,978,347              |              |
| Negotiable CDs     | 78009NU46 | ROYAL BANK OF CANADA NY     | 6/12/17     | 6/12/18  | 2.20        | 50,000,000              | 50,000,000              | 50,000,000              | 50,052,487              |              |
| Negotiable CDs     | 89113XBB9 | TORONTO DOMINION BANK NY    | 8/10/17     | 6/15/18  | 1.50        | 50,000,000              | 50,000,000              | 50,000,000              | 49,979,352              |              |
| Negotiable CDs     | 89113XBV5 | TORONTO DOMINION BANK NY    | 8/16/17     | 6/15/18  | 1.50        | 50,000,000              | 50,000,000              | 50,000,000              | 49,979,396              |              |
| Negotiable CDs     | 06371EDT1 | BANK OF MONTREAL CHICAGO    | 7/6/17      | 7/2/18   | 1.87        | 50,000,000              | 50,000,000              | 50,000,000              | 49,967,820              |              |
| Negotiable CDs     | 06371EMD6 | BANK OF MONTREAL CHICAGO    | 9/1/17      | 7/2/18   | 1.50        | 50,000,000              | 50,000,000              | 50,000,000              | 49,917,959              |              |
| Negotiable CDs     | 06371EQT7 | BANK OF MONTREAL CHICAGO    | 10/4/17     | 7/2/18   | 1.86        | 50,000,000              | 50,000,000              | 50,000,000              | 49,966,533              |              |
| Negotiable CDs     | 06371EXP7 | BANK OF MONTREAL CHICAGO    | 12/8/17     | 7/2/18   | 1.75        | 50,000,000              | 50,000,000              | 50,000,000              | 49,950,973              |              |
| Negotiable CDs     | 78009N6F8 | ROYAL BANK OF CANADA NY     | 1/4/18      | 7/2/18   | 1.82        | 50,000,000              | 50,000,000              | 50,000,000              | 49,960,277              |              |
| Negotiable CDs     | 89113W5H5 | TORONTO DOMINION BANK NY    | 7/6/17      | 7/2/18   | 1.55        | 50,000,000              | 50,000,000              | 50,000,000              | 49,923,634              |              |
| Negotiable CDs     | 89113XAT1 | TORONTO DOMINION BANK NY    | 8/8/17      | 7/2/18   | 1.48        | 50,000,000              | 50,000,000              | 50,000,000              | 49,915,152              |              |
| Negotiable CDs     | 96121T3R7 | WESTPAC BANKING CORP NY     | 7/7/17      | 7/2/18   | 1.82        | 50,000,000              | 50,000,000              | 50,000,000              | 49,961,385              |              |
| Negotiable CDs     | 06371E2G1 | BANK OF MONTREAL CHICAGO    | 3/29/18     | 7/9/18   | 2.25        | 25,000,000              | 25,000,000              | 25,000,000              | 25,008,957              |              |
| Negotiable CDs     | 78009NX50 | ROYAL BANK OF CANADA NY     | 7/24/17     | 7/24/18  | 2.07        | 50,000,000              | 50,000,000              | 50,000,000              | 49,992,277              |              |
| Negotiable CDs     | 96121T3W6 | WESTPAC BANKING CORP NY     | 7/26/17     | 7/26/18  | 2.02        | 50,000,000              | 50,000,000              | 50,000,000              | 49,984,041              |              |
| Negotiable CDs     | 96121T4D7 | WESTPAC BANKING CORP NY     | 8/9/17      | 8/9/18   | 1.53        | 50,000,000              | 50,000,000              | 50,000,000              | 49,889,668              |              |
| Negotiable CDs     | 89113XWK6 | TORONTO DOMINION BANK NY    | 2/5/18      | 8/31/18  | 2.00        | 50,000,000              | 50,000,000              | 50,000,000              | 49,973,388              |              |
| Negotiable CDs     | 06371EN60 | BANK OF MONTREAL CHICAGO    | 2/9/18      | 9/6/18   | 2.05        | 25,000,000              | 25,000,000              | 25,000,000              | 24,991,682              |              |
| Negotiable CDs     | 06417GK72 | BANK OF NOVA SCOTIA HOUSTON | 2/14/18     | 9/17/18  | 2.09        | 50,000,000              | 50,000,000              | 50,000,000              | 49,991,692              |              |
| Negotiable CDs     | 65602UP85 | NORINCHUKIN BANK (NY)       | 3/29/18     | 9/28/18  | 2.28        | 50,000,000              | 50,000,000              | 50,000,000              | 49,999,209              |              |
| Negotiable CDs     | 06371EQJ9 | BANK OF MONTREAL CHICAGO    | 10/3/17     | 10/1/18  | 1.88        | 50,000,000              | 50,000,000              | 50,000,000              | 49,899,978              |              |
| Negotiable CDs     | 96121T4S4 | WESTPAC BANKING CORP NY     | 10/11/17    | 10/15/18 | 1.97        | 50,000,000              | 50,000,000              | 50,000,000              | 49,914,387              |              |
| Negotiable CDs     | 06371ERP4 | BANK OF MONTREAL CHICAGO    | 10/16/17    | 10/25/18 | 2.08        | 45,000,000              | 45,000,000              | 45,000,000              | 44,948,756              |              |
| Negotiable CDs     | 06417GZR2 | BANK OF NOVA SCOTIA HOUSTON | 10/25/17    | 10/25/18 | 2.07        | 50,000,000              | 50,000,000              | 50,000,000              | 49,940,195              |              |
| Negotiable CDs     | 89113XJJ4 | TORONTO DOMINION BANK NY    | 10/18/17    | 10/25/18 | 2.07        | 50,000,000              | 50,000,000              | 50,000,000              | 49,940,195              |              |
| Negotiable CDs     | 06417GZT8 | BANK OF NOVA SCOTIA HOUSTON | 11/2/17     | 11/9/18  | 1.92        | 50,000,000              | 50,000,000              | 50,000,000              | 49,888,721              |              |
| Negotiable CDs     | 89113XLP7 | TORONTO DOMINION BANK NY    | 11/2/17     | 11/9/18  | 1.91        | 50,000,000              | 50,000,000              | 50,000,000              | 49,885,648              |              |
| Negotiable CDs     | 78009N3T1 | ROYAL BANK OF CANADA NY     | 11/20/17    | 11/20/18 | 1.83        | 50,000,000              | 50,000,000              | 50,000,000              | 49,851,023              |              |
| Negotiable CDs     | 78012UAW5 | ROYAL BANK OF CANADA NY     | 2/27/18     | 11/27/18 | 2.18        | 25,000,000              | 25,000,000              | 25,000,000              | 24,982,567              |              |
| Negotiable CDs     | 89113XQJ6 | TORONTO DOMINION BANK NY    | 12/6/17     | 12/6/18  | 1.92        | 25,000,000              | 25,000,000              | 25,000,000              | 24,938,124              |              |
| Negotiable CDs     | 89113XQJ6 | TORONTO DOMINION BANK NY    | 12/6/17     | 12/6/18  | 1.92        | 50,000,000              | 50,000,000              | 50,000,000              | 49,876,248              |              |
| Negotiable CDs     | 06417GC48 | BANK OF NOVA SCOTIA HOUS    | 12/7/17     | 12/7/18  | 1.93        | 50,000,000              | 50,000,000              | 50,000,000              | 49,880,377              |              |
| Negotiable CDs     | 78009N5B8 | ROYAL BANK OF CANADA NY     | 12/8/17     | 12/7/18  | 1.93        | 50,000,000              | 50,000,000              | 50,000,000              | 49,879,614              |              |
| Negotiable CDs     | 96121T5B0 | WESTPAC BANKING CORP NY     | 12/7/17     | 12/7/18  | 1.90        | 50,000,000              | 50,000,000              | 50,000,000              | 49,869,248              |              |
| Negotiable CDs     | 78009N5M4 | ROYAL BANK OF CANADA NY     | 12/19/17    | 12/19/18 | 2.05        | 50,000,000              | 50,000,000              | 50,000,000              | 49,916,067              |              |
| Negotiable CDs     | 96121T5K0 | WESTPAC BANKING CORP NY     | 12/27/17    | 12/21/18 | 2.07        | 50,000,000              | 50,000,000              | 50,000,000              | 49,923,627              |              |
| Negotiable CDs     | 06371EA64 | BANK OF MONTREAL CHICAGO    | 12/27/17    | 12/24/18 | 2.05        | 25,000,000              | 25,000,000              | 25,000,000              | 24,955,675              |              |
| Negotiable CDs     | 96121T5M6 | WESTPAC BANKING CORP NY     | 12/28/17    | 12/28/18 | 2.11        | 50,000,000              | 50,000,000              | 50,000,000              | 49,894,091              |              |
| Negotiable CDs     | 06371EFH5 | BANK OF MONTREAL CHICAGO    | 7/17/17     | 1/17/19  | 1.96        | 50,000,000              | 50,000,000              | 50,000,000              | 49,829,055              |              |
| Negotiable CDs     | 06371EL21 | BANK OF MONTREAL CHICAGO    | 1/29/18     | 1/23/19  | 2.11        | 25,000,000              | 25,000,000              | 25,000,000              | 24,943,337              |              |
| Negotiable CDs     | 96121T7B8 | WESTPAC BANKING CORP NY     | 3/5/18      | 3/5/19   | 2.21        | 50,000,000              | 50,000,000              | 50,000,000              | 49,826,115              |              |
| Negotiable CDs     | 06427KSW8 | BANK OF MONTREAL CHICAGO    | 3/9/17      | 3/8/19   | 2.33        | 27,838,000              | 27,838,000              | 27,838,000              | 27,821,458              |              |
| Negotiable CDs     | 78012UCE3 | ROYAL BANK OF CANADA NY     | 3/28/18     | 4/1/19   | 2.36        | 50,000,000              | 50,000,000              | 50,000,000              | 49,933,229              |              |
| <b>Subtotals</b>   |           |                             |             |          | <b>1.89</b> | <b>\$ 2,157,838,000</b> | <b>\$ 2,157,838,000</b> | <b>\$ 2,157,838,000</b> | <b>\$ 2,155,091,420</b> |              |

# Investment Inventory

## Pooled Fund

| Type of Investment  | CUSIP     | Issuer Name                   | Settle Date | Maturity |             | Coupon                  | Par Value               | Book Value              | Amortized               |              |
|---------------------|-----------|-------------------------------|-------------|----------|-------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------|
|                     |           |                               |             | Date     | Date        |                         |                         |                         | Book Value              | Market Value |
| Commercial Paper    | 19416FD27 | COLGATE-PALMOLIVE CO          | 3/29/18     | 4/2/18   | 0.00        | \$ 18,000,000           | \$ 17,996,620           | \$ 17,999,155           | \$ 17,999,035           |              |
| Commercial Paper    | 89233HD27 | TOYOTA MOTOR CREDIT CORP      | 12/15/17    | 4/2/18   | 0.00        | 50,000,000              | 49,748,000              | 49,997,667              | 49,997,319              |              |
| Commercial Paper    | 19416FD50 | COLGATE-PALMOLIVE CO          | 3/29/18     | 4/5/18   | 0.00        | 60,000,000              | 59,979,933              | 59,988,533              | 59,987,133              |              |
| Commercial Paper    | 06538CDQ1 | BANK TOKYO-MIT UFJ NY         | 10/18/17    | 4/24/18  | 0.00        | 40,000,000              | 39,680,400              | 39,960,900              | 39,950,678              |              |
| Commercial Paper    | 06538CDW8 | BANK TOKYO-MIT UFJ NY         | 1/4/18      | 4/30/18  | 0.00        | 50,000,000              | 49,718,056              | 49,929,514              | 49,922,264              |              |
| Commercial Paper    | 89233HEE0 | TOYOTA MOTOR CREDIT CORPOR    | 1/22/18     | 5/14/18  | 0.00        | 50,000,000              | 49,727,778              | 49,895,486              | 49,884,736              |              |
| Commercial Paper    | 06538CF89 | BANK TOKYO-MIT UFJ NY         | 9/12/17     | 6/8/18   | 0.00        | 50,000,000              | 49,417,167              | 49,417,167              | 49,809,222              |              |
| Commercial Paper    | 06538CFF3 | BANK TOKYO-MIT UFJ NY         | 9/19/17     | 6/15/18  | 0.00        | 50,000,000              | 49,417,167              | 49,837,500              | 49,789,583              |              |
| Commercial Paper    | 06538CG21 | BANK TOKYO-MIT UFJ NY         | 3/26/18     | 7/2/18   | 0.00        | 45,000,000              | 44,715,800              | 44,733,200              | 44,751,600              |              |
| Commercial Paper    | 06538CG21 | BANK TOKYO-MIT UFJ NY         | 1/4/18      | 7/2/18   | 0.00        | 50,000,000              | 49,545,042              | 49,766,167              | 49,724,000              |              |
| Commercial Paper    | 06538CG21 | BANK TOKYO-MIT UFJ NY         | 3/1/18      | 7/2/18   | 0.00        | 50,000,000              | 49,642,958              | 49,732,944              | 49,724,000              |              |
| Commercial Paper    | 89233HGP3 | TOYOTA MOTOR CREDIT CORP      | 3/28/18     | 7/23/18  | 0.00        | 50,000,000              | 49,623,000              | 49,635,889              | 49,661,000              |              |
| Commercial Paper    | 06538CKK6 | BANK TOKYO-MIT UFJ NY         | 1/22/18     | 10/19/18 | 0.00        | 25,000,000              | 24,615,625              | 24,713,854              | 24,671,979              |              |
| Commercial Paper    | 06538CKK6 | BANK TOKYO-MIT UFJ NY         | 1/24/18     | 10/19/18 | 0.00        | 45,000,000              | 44,313,250              | 44,484,938              | 44,409,563              |              |
| Commercial Paper    | 06538CKN0 | BANK TOKYO-MIT UFJ NY         | 1/25/18     | 10/22/18 | 0.00        | 25,000,000              | 24,613,750              | 24,708,167              | 24,667,083              |              |
| Commercial Paper    | 89233HL93 | TOYOTA MOTOR CREDIT CORP      | 2/15/18     | 11/9/18  | 0.00        | 50,000,000              | 49,184,167              | 49,321,667              | 49,275,417              |              |
| <b>Subtotals</b>    |           |                               |             |          | <b>0.00</b> | <b>\$ 708,000,000</b>   | <b>\$ 701,938,712</b>   | <b>\$ 704,122,747</b>   | <b>\$ 704,224,613</b>   |              |
| Medium Term Notes   | 89236TDN2 | TOYOTA MOTOR CREDIT CORP      | 1/9/17      | 1/9/19   | 1.96        | \$ 50,000,000           | \$ 50,000,000           | \$ 50,000,000           | \$ 50,054,000           |              |
| Medium Term Notes   | 89236TEJ0 | TOYOTA MOTOR CREDIT CORP      | 1/11/18     | 1/10/20  | 2.20        | 20,000,000              | 19,982,200              | 19,984,153              | 19,823,600              |              |
| <b>Subtotals</b>    |           |                               |             |          | <b>2.03</b> | <b>\$ 70,000,000</b>    | <b>\$ 69,982,200</b>    | <b>\$ 69,984,153</b>    | <b>\$ 69,877,600</b>    |              |
| Money Market Funds  | 09248U718 | BLACKROCK LIQ INST GOV FUND   | 3/29/18     | 4/1/18   | 1.55        | \$ 50,031,507           | \$ 50,031,507           | \$ 50,031,507           | \$ 50,031,507           |              |
| Money Market Funds  | 31607A703 | FIDELITY INST GOV FUND        | 3/29/18     | 4/1/18   | 1.42        | 245,810,159             | 245,810,159             | 245,810,159             | 245,810,159             |              |
| Money Market Funds  | 61747C707 | MORGAN STANLEY INST GOVT FUND | 3/29/18     | 4/1/18   | 1.61        | 100,671,769             | 100,671,769             | 100,671,769             | 100,671,769             |              |
| <b>Subtotals</b>    |           |                               |             |          | <b>1.48</b> | <b>\$ 396,513,435</b>   | <b>\$ 396,513,435</b>   | <b>\$ 396,513,435</b>   | <b>\$ 396,513,435</b>   |              |
| Supranationals      | 459053VH4 | INTL BK RECON & DEVELOP DISCO | 3/28/18     | 4/9/18   | 0.00        | \$ 50,000,000           | \$ 49,973,333           | \$ 49,982,222           | \$ 49,984,000           |              |
| Supranationals      | 4581X0BR8 | INTER-AMERICAN DEVEL BK       | 12/28/17    | 8/24/18  | 1.75        | 16,000,000              | 16,002,560              | 16,001,553              | 15,983,840              |              |
| Supranationals      | 459058ER0 | INTL BK RECON & DEVELOP       | 10/7/15     | 10/5/18  | 1.00        | 25,000,000              | 24,957,500              | 24,992,735              | 24,872,750              |              |
| Supranationals      | 45950VLM6 | INTERNATIONAL FINANCE CORP    | 3/1/18      | 3/1/19   | 1.67        | 50,000,000              | 50,000,000              | 50,000,000              | 49,986,500              |              |
| Supranationals      | 459058FQ1 | INTL BANK RECON & DEVELOPMEN  | 11/6/17     | 9/30/19  | 1.20        | 50,000,000              | 49,483,894              | 49,592,626              | 49,179,500              |              |
| Supranationals      | 45905UZJ6 | INTL BANK RECON & DEVELOPMEN  | 6/2/17      | 10/25/19 | 1.30        | 25,000,000              | 24,845,000              | 24,898,674              | 24,567,000              |              |
| Supranationals      | 45905UZJ6 | INTL BK RECON & DEVELOP       | 6/2/17      | 10/25/19 | 1.30        | 29,300,000              | 29,118,340              | 29,181,246              | 28,792,524              |              |
| Supranationals      | 459058FZ1 | INTL BK RECON & DEVELOP       | 3/21/17     | 4/21/20  | 1.88        | 50,000,000              | 49,956,500              | 49,971,013              | 49,454,500              |              |
| Supranationals      | 4581X0CX4 | INTER-AMERICAN DEVEL BK       | 4/12/17     | 5/12/20  | 1.63        | 25,000,000              | 24,940,750              | 24,959,377              | 24,633,750              |              |
| Supranationals      | 459058GA5 | INTL BK RECON & DEVELOPMENT   | 8/29/17     | 9/4/20   | 1.63        | 50,000,000              | 49,989,500              | 49,991,549              | 48,982,000              |              |
| Supranationals      | 45905UQ80 | INTL BK RECON & DEVELOP       | 11/9/17     | 11/9/20  | 1.95        | 50,000,000              | 49,965,000              | 49,969,567              | 49,310,000              |              |
| Supranationals      | 45905UQ80 | INTL BK RECON & DEVELOP       | 12/20/17    | 11/9/20  | 1.95        | 50,000,000              | 49,829,542              | 49,745,716              | 49,310,000              |              |
| Supranationals      | 45950KCM0 | INTERNATIONAL FINANCE CORP    | 1/25/18     | 1/25/21  | 2.25        | 50,000,000              | 49,853,000              | 49,861,852              | 49,592,000              |              |
| <b>Subtotals</b>    |           |                               |             |          | <b>1.52</b> | <b>\$ 520,300,000</b>   | <b>\$ 518,914,919</b>   | <b>\$ 519,148,131</b>   | <b>\$ 514,648,364</b>   |              |
| <b>Grand Totals</b> |           |                               |             |          | <b>1.50</b> | <b>\$ 9,765,041,258</b> | <b>\$ 9,751,962,546</b> | <b>\$ 9,753,514,671</b> | <b>\$ 9,694,484,447</b> |              |

## Monthly Investment Earnings Pooled Fund

For month ended March 31, 2018

| Type of Investment | CUSIP     | Issuer Name              | Par Value               | Coupon | YTM <sup>1</sup> | Settle Date | Maturity |                   | Earned Interest   | Amort.      | Realized            | Earned Income |
|--------------------|-----------|--------------------------|-------------------------|--------|------------------|-------------|----------|-------------------|-------------------|-------------|---------------------|---------------|
|                    |           |                          |                         |        |                  |             | Date     | Expense           |                   | Gain/(Loss) | /Net Earnings       |               |
| U.S. Treasuries    | 912796LS6 | TREASURY BILL            | \$ -                    | 0.00   | 1.45             | 12/28/17    | 3/29/18  | \$ -              | \$ 56,194         | \$ -        | \$ 56,194           |               |
| U.S. Treasuries    | 912796LS6 | TREASURY BILL            | -                       | 0.00   | 1.63             | 3/28/18     | 3/29/18  | -                 | 2,268             | -           | 2,268               |               |
| U.S. Treasuries    | 912796NY1 | TREASURY BILL            | 50,000,000              | 0.00   | 1.55             | 3/8/18      | 4/5/18   | -                 | 51,667            | -           | 51,667              |               |
| U.S. Treasuries    | 912796PB9 | TREASURY BILL            | 100,000,000             | 0.00   | 1.43             | 1/18/18     | 4/19/18  | -                 | 122,278           | -           | 122,278             |               |
| U.S. Treasuries    | 912796LX5 | TREASURY BILL            | 25,000,000              | 0.00   | 1.07             | 4/27/17     | 4/26/18  | 22,819            | -                 | -           | 22,819              |               |
| U.S. Treasuries    | 912796PC7 | TREASURY BILL            | 100,000,000             | 0.00   | 1.43             | 2/1/18      | 5/3/18   | -                 | 122,708           | -           | 122,708             |               |
| U.S. Treasuries    | 912828XF2 | US TREASURY              | 50,000,000              | 1.13   | 1.26             | 6/14/17     | 6/15/18  | 47,905            | 5,790             | -           | 53,695              |               |
| U.S. Treasuries    | 912796NQ8 | TREASURY BILL            | 50,000,000              | 0.00   | 1.77             | 2/13/18     | 8/16/18  | -                 | 75,347            | -           | 75,347              |               |
| U.S. Treasuries    | 9128282C3 | US TREASURY              | 25,000,000              | 0.75   | 1.82             | 2/14/18     | 8/31/18  | 15,795            | 22,323            | -           | 38,118              |               |
| U.S. Treasuries    | 912796QA0 | TREASURY BILL            | 50,000,000              | 0.00   | 1.92             | 3/29/18     | 9/27/18  | -                 | 7,906             | -           | 7,906               |               |
| U.S. Treasuries    | 912796QA0 | TREASURY BILL            | 50,000,000              | 0.00   | 1.90             | 3/29/18     | 9/27/18  | -                 | 7,858             | -           | 7,858               |               |
| U.S. Treasuries    | 912828L81 | US TREASURY              | 50,000,000              | 0.88   | 1.68             | 12/13/17    | 10/15/18 | 37,260            | 33,835            | -           | 71,095              |               |
| U.S. Treasuries    | 912828L81 | US TREASURY              | 50,000,000              | 0.88   | 1.75             | 1/10/18     | 10/15/18 | 37,260            | 36,589            | -           | 73,849              |               |
| U.S. Treasuries    | 912828T83 | US TREASURY              | 25,000,000              | 0.75   | 1.92             | 2/15/18     | 10/31/18 | 16,057            | 24,524            | -           | 40,580              |               |
| U.S. Treasuries    | 912828WV8 | US TREASURY              | 50,000,000              | 1.25   | 1.71             | 12/19/17    | 10/31/18 | 53,522            | 19,160            | -           | 72,683              |               |
| U.S. Treasuries    | 912828V56 | US TREASURY              | 50,000,000              | 1.13   | 2.03             | 2/15/18     | 1/31/19  | 48,170            | 37,712            | -           | 85,882              |               |
| U.S. Treasuries    | 912796PT0 | TREASURY BILL            | 50,000,000              | 0.00   | 2.06             | 3/1/18      | 2/28/19  | -                 | 86,972            | -           | 86,972              |               |
| U.S. Treasuries    | 912828XS4 | US TREASURY              | 50,000,000              | 1.25   | 1.36             | 6/20/17     | 5/31/19  | 53,228            | 4,520             | -           | 57,748              |               |
| U.S. Treasuries    | 9128283N8 | US TREASURY              | 50,000,000              | 1.88   | 2.01             | 1/16/18     | 12/31/19 | 80,283            | 5,597             | -           | 85,880              |               |
| U.S. Treasuries    | 912828XU9 | US TREASURY              | 50,000,000              | 1.50   | 1.51             | 6/20/17     | 6/15/20  | 63,874            | 499               | -           | 64,373              |               |
| U.S. Treasuries    | 912828S27 | US TREASURY              | 25,000,000              | 1.13   | 1.64             | 8/15/17     | 6/30/21  | 24,085            | 10,526            | -           | 34,611              |               |
| U.S. Treasuries    | 912828T67 | US TSY NT                | 50,000,000              | 1.25   | 1.43             | 11/10/16    | 10/31/21 | 53,522            | 7,268             | -           | 60,790              |               |
| U.S. Treasuries    | 912828U65 | US TSY NT                | 100,000,000             | 1.75   | 1.90             | 12/13/16    | 11/30/21 | 149,038           | 11,755            | -           | 160,794             |               |
| U.S. Treasuries    | 912828XW5 | US TREASURY              | 25,000,000              | 1.75   | 1.77             | 8/15/17     | 6/30/22  | 37,465            | 391               | -           | 37,857              |               |
| <b>Subtotals</b>   |           |                          | <b>\$ 1,125,000,000</b> |        |                  |             |          | <b>\$ 740,283</b> | <b>\$ 753,689</b> | <b>\$ -</b> | <b>\$ 1,493,973</b> |               |
| Federal Agencies   | 3132X0JL6 | FARMER MAC               | \$ -                    | 0.88   | 0.88             | 9/1/16      | 3/1/18   | \$ -              | \$ -              | \$ -        | \$ -                |               |
| Federal Agencies   | 313385TT3 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.32             | 2/15/18     | 3/2/18   | -                 | 733               | -           | 733                 |               |
| Federal Agencies   | 313313TY4 | FED FARM CRD DISCOUNT NT | -                       | 0.00   | 1.08             | 4/18/17     | 3/7/18   | 4,458             | -                 | -           | 4,458               |               |
| Federal Agencies   | 313313TY4 | FED FARM CRD DISCOUNT NT | -                       | 0.00   | 1.08             | 4/18/17     | 3/7/18   | 4,458             | -                 | -           | 4,458               |               |
| Federal Agencies   | 313385UD6 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.35             | 3/9/18      | 3/12/18  | -                 | 4,500             | -           | 4,500               |               |
| Federal Agencies   | 313385UE4 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.35             | 3/12/18     | 3/13/18  | -                 | 1,313             | -           | 1,313               |               |
| Federal Agencies   | 313385UF1 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.35             | 3/13/18     | 3/14/18  | -                 | 2,063             | -           | 2,063               |               |
| Federal Agencies   | 3133EEN71 | FEDERAL FARM CREDIT BANK | -                       | 1.63   | 1.82             | 5/22/15     | 3/22/18  | 47,560            | 152               | -           | 47,712              |               |
| Federal Agencies   | 313385UT1 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.55             | 3/23/18     | 3/26/18  | -                 | 7,104             | -           | 7,104               |               |
| Federal Agencies   | 3133EFWG8 | FEDERAL FARM CREDIT BANK | -                       | 1.78   | 1.92             | 1/26/16     | 3/26/18  | 30,915            | 89                | -           | 31,004              |               |
| Federal Agencies   | 313385UU8 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.60             | 3/26/18     | 3/27/18  | -                 | 2,222             | -           | 2,222               |               |
| Federal Agencies   | 313385UU8 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.60             | 3/26/18     | 3/27/18  | -                 | 2,222             | -           | 2,222               |               |
| Federal Agencies   | 313385UU8 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.60             | 3/26/18     | 3/27/18  | -                 | 2,222             | -           | 2,222               |               |
| Federal Agencies   | 313385UU8 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.60             | 3/26/18     | 3/27/18  | -                 | 1,333             | -           | 1,333               |               |
| Federal Agencies   | 313385UV6 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.60             | 3/27/18     | 3/28/18  | -                 | 2,222             | -           | 2,222               |               |
| Federal Agencies   | 313385UV6 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.60             | 3/27/18     | 3/28/18  | -                 | 2,222             | -           | 2,222               |               |
| Federal Agencies   | 313385UW4 | FED HOME LN DISCOUNT NT  | -                       | 0.00   | 1.60             | 3/28/18     | 3/29/18  | -                 | 4,444             | -           | 4,444               |               |
| Federal Agencies   | 3137EAEA3 | FREDDIE MAC              | 25,000,000              | 0.75   | 0.94             | 2/8/17      | 4/9/18   | 15,625            | 4,030             | -           | 19,655              |               |
| Federal Agencies   | 313385VM5 | FED HOME LN DISCOUNT NT  | 25,000,000              | 0.00   | 1.42             | 1/23/18     | 4/13/18  | -                 | 30,569            | -           | 30,569              |               |
| Federal Agencies   | 3133EEZC7 | FEDERAL FARM CREDIT BANK | 50,000,000              | 1.84   | 2.01             | 4/16/15     | 4/16/18  | 74,936            | 214               | -           | 75,151              |               |
| Federal Agencies   | 3132X0SB8 | FARMER MAC               | 10,000,000              | 1.25   | 1.28             | 8/10/17     | 4/19/18  | 10,417            | 246               | -           | 10,663              |               |
| Federal Agencies   | 3132X0SB8 | FARMER MAC               | 50,000,000              | 1.25   | 1.25             | 4/19/17     | 4/19/18  | 52,083            | -                 | -           | 52,083              |               |
| Federal Agencies   | 31331KJB7 | FEDERAL FARM CREDIT BANK | 14,230,000              | 3.00   | 0.94             | 2/2/16      | 4/25/18  | 35,575            | (24,639)          | -           | 10,936              |               |
| Federal Agencies   | 3135G0WJ8 | FANNIE MAE               | 25,000,000              | 0.88   | 1.05             | 5/23/13     | 5/21/18  | 18,229            | 3,629             | -           | 21,858              |               |
| Federal Agencies   | 3130A8VL4 | FEDERAL HOME LOAN BANK   | 10,000,000              | 1.00   | 1.00             | 8/24/16     | 5/24/18  | 8,333             | -                 | -           | 8,333               |               |
| Federal Agencies   | 3130A8VL4 | FEDERAL HOME LOAN BANK   | 25,000,000              | 1.00   | 1.00             | 8/24/16     | 5/24/18  | 20,833            | -                 | -           | 20,833              |               |
| Federal Agencies   | 3134G9HC4 | FREDDIE MAC              | 10,000,000              | 1.00   | 1.03             | 5/25/16     | 5/25/18  | 8,333             | 212               | -           | 8,546               |               |

## Monthly Investment Earnings

### Pooled Fund

| Type of Investment | CUSIP     | Issuer Name              | Par Value  | Coupon | YTM <sup>1</sup> | Settle Date | Maturity |                 | Amort.  | Realized    | Earned Income |
|--------------------|-----------|--------------------------|------------|--------|------------------|-------------|----------|-----------------|---------|-------------|---------------|
|                    |           |                          |            |        |                  |             | Date     | Earned Interest | Expense | Gain/(Loss) | /Net Earnings |
| Federal Agencies   | 313385XL5 | FED HOME LN DISCOUNT NT  | 50,000,000 | 0.00   | 1.25             | 5/30/17     | 5/30/18  | 52,958          | -       | -           | 52,958        |
| Federal Agencies   | 3133EFC2  | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.77   | 1.77             | 9/8/15      | 6/8/18   | 37,383          | -       | -           | 37,383        |
| Federal Agencies   | 3133EFC2  | FEDERAL FARM CREDIT BANK | 50,000,000 | 1.77   | 1.77             | 9/8/15      | 6/8/18   | 74,766          | -       | -           | 74,766        |
| Federal Agencies   | 3133EEW48 | FEDERAL FARM CREDIT BANK | 50,000,000 | 1.78   | 1.82             | 6/11/15     | 6/11/18  | 74,630          | 113     | -           | 74,743        |
| Federal Agencies   | 3133EF5H1 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.17   | 1.25             | 12/18/15    | 6/14/18  | 24,375          | 1,628   | -           | 26,003        |
| Federal Agencies   | 3133EGGC3 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.94   | 1.94             | 6/20/16     | 6/20/18  | 38,796          | -       | -           | 38,796        |
| Federal Agencies   | 3134G9UY1 | FREDDIE MAC              | 25,000,000 | 1.00   | 1.00             | 6/29/16     | 6/29/18  | 20,833          | -       | -           | 20,833        |
| Federal Agencies   | 3134G9UY1 | FREDDIE MAC              | 25,000,000 | 1.00   | 1.00             | 6/29/16     | 6/29/18  | 20,833          | -       | -           | 20,833        |
| Federal Agencies   | 3133EGBQ7 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.94   | 1.94             | 5/19/16     | 7/19/18  | 38,998          | -       | -           | 38,998        |
| Federal Agencies   | 3133EGBQ7 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.94   | 1.94             | 5/19/16     | 7/19/18  | 38,998          | -       | -           | 38,998        |
| Federal Agencies   | 3130A8U50 | FEDERAL HOME LOAN BANK   | 22,250,000 | 0.83   | 0.89             | 7/29/16     | 7/25/18  | 15,390          | 1,144   | -           | 16,533        |
| Federal Agencies   | 3134G9Q67 | FREDDIE MAC              | 25,000,000 | 1.05   | 1.05             | 7/27/16     | 7/27/18  | 21,875          | -       | -           | 21,875        |
| Federal Agencies   | 3134G9Q67 | FREDDIE MAC              | 25,000,000 | 1.05   | 1.06             | 7/27/16     | 7/27/18  | 21,875          | 265     | -           | 22,140        |
| Federal Agencies   | 3133EGFQ3 | FEDERAL FARM CREDIT BANK | 25,000,000 | 0.88   | 0.91             | 9/21/16     | 9/14/18  | 18,229          | 815     | -           | 19,044        |
| Federal Agencies   | 3130A9C90 | FEDERAL HOME LOAN BANK   | 25,000,000 | 1.05   | 1.05             | 9/28/16     | 9/28/18  | 21,875          | -       | -           | 21,875        |
| Federal Agencies   | 3133EGFK6 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.94   | 1.94             | 6/17/16     | 10/17/18 | 39,301          | -       | -           | 39,301        |
| Federal Agencies   | 3133EGFK6 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.94   | 1.94             | 6/17/16     | 10/17/18 | 39,301          | -       | -           | 39,301        |
| Federal Agencies   | 313376BR5 | FEDERAL HOME LOAN BANK   | 2,770,000  | 1.75   | 1.57             | 11/8/17     | 12/14/18 | 4,040           | (413)   | -           | 3,627         |
| Federal Agencies   | 313376BR5 | FEDERAL HOME LOAN BANK   | 15,000,000 | 1.75   | 1.31             | 12/20/16    | 12/14/18 | 21,875          | (5,453) | -           | 16,422        |
| Federal Agencies   | 313376BR5 | FEDERAL HOME LOAN BANK   | 25,000,000 | 1.75   | 1.33             | 8/23/17     | 12/14/18 | 36,458          | (8,836) | -           | 27,622        |
| Federal Agencies   | 3135G0G72 | FANNIE MAE               | 3,775,000  | 1.13   | 1.57             | 11/8/17     | 12/14/18 | 3,539           | 1,419   | -           | 4,958         |
| Federal Agencies   | 3133EGDM4 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.83   | 1.83             | 6/2/16      | 1/2/19   | 39,335          | -       | -           | 39,335        |
| Federal Agencies   | 3133EG2V6 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.74   | 1.74             | 1/3/17      | 1/3/19   | 37,228          | -       | -           | 37,228        |
| Federal Agencies   | 3134GAH23 | FREDDIE MAC              | 25,000,000 | 1.50   | 1.50             | 1/17/17     | 1/17/19  | 31,250          | -       | -           | 31,250        |
| Federal Agencies   | 3130ABVZ3 | FEDERAL HOME LOAN BANK   | 25,000,000 | 1.05   | 1.05             | 7/28/16     | 1/25/19  | 21,875          | -       | -           | 21,875        |
| Federal Agencies   | 3132X0EK3 | FARMER MAC               | 25,000,000 | 1.85   | 1.85             | 1/25/16     | 1/25/19  | 39,723          | -       | -           | 39,723        |
| Federal Agencies   | 3134GAS39 | FREDDIE MAC              | 25,000,000 | 1.50   | 1.50             | 2/1/17      | 2/1/19   | 31,250          | -       | -           | 31,250        |
| Federal Agencies   | 3133EGBU8 | FEDERAL FARM CREDIT BANK | 50,000,000 | 2.05   | 2.05             | 5/25/16     | 2/25/19  | 79,753          | -       | -           | 79,753        |
| Federal Agencies   | 3132X0ED9 | FARMER MAC               | 40,000,000 | 2.25   | 2.25             | 1/19/16     | 3/19/19  | 66,130          | -       | -           | 66,130        |
| Federal Agencies   | 3133EJHG7 | FEDERAL FARM CREDIT BANK | 25,000,000 | 2.13   | 2.16             | 3/22/18     | 3/22/19  | 13,313          | 190     | -           | 13,503        |
| Federal Agencies   | 3133EJHG7 | FEDERAL FARM CREDIT BANK | 25,000,000 | 2.13   | 2.16             | 3/22/18     | 3/22/19  | 13,313          | 190     | -           | 13,503        |
| Federal Agencies   | 3134GBFR8 | FREDDIE MAC              | 25,000,000 | 1.40   | 1.40             | 4/5/17      | 4/5/19   | 29,167          | -       | -           | 29,167        |
| Federal Agencies   | 3133EGAV7 | FEDERAL FARM CREDIT BANK | 50,350,000 | 1.17   | 1.85             | 12/5/17     | 5/17/19  | 49,091          | 28,675  | -           | 77,766        |
| Federal Agencies   | 3136G3QP3 | FANNIE MAE               | 10,000,000 | 1.25   | 1.25             | 5/24/16     | 5/24/19  | 10,417          | -       | -           | 10,417        |
| Federal Agencies   | 3130ABF92 | FEDERAL HOME LOAN BANK   | 30,000,000 | 1.38   | 1.47             | 5/12/17     | 5/28/19  | 34,375          | 2,356   | -           | 36,731        |
| Federal Agencies   | 3133EHLG6 | FEDERAL FARM CREDIT BANK | 27,000,000 | 1.32   | 1.35             | 5/30/17     | 5/30/19  | 29,700          | 688     | -           | 30,388        |
| Federal Agencies   | 3133EHMR1 | FEDERAL FARM CREDIT BANK | 50,000,000 | 1.38   | 1.38             | 6/12/17     | 6/12/19  | 57,292          | -       | -           | 57,292        |
| Federal Agencies   | 313379EE5 | FEDERAL HOME LOAN BANK   | 25,000,000 | 1.63   | 1.41             | 6/9/17      | 6/14/19  | 33,854          | (4,460) | -           | 29,394        |
| Federal Agencies   | 313379EE5 | FEDERAL HOME LOAN BANK   | 25,000,000 | 1.63   | 1.38             | 8/23/17     | 6/14/19  | 33,854          | (5,108) | -           | 28,746        |
| Federal Agencies   | 313379EE5 | FEDERAL HOME LOAN BANK   | 35,750,000 | 1.63   | 1.43             | 8/9/17      | 6/14/19  | 48,411          | (5,788) | -           | 42,623        |
| Federal Agencies   | 3134G9QW0 | FREDDIE MAC              | 50,000,000 | 1.28   | 1.28             | 6/14/16     | 6/14/19  | 53,333          | -       | -           | 53,333        |
| Federal Agencies   | 3130AC7C2 | FEDERAL HOME LOAN BANK   | 15,000,000 | 1.40   | 1.38             | 8/23/17     | 7/11/19  | 17,500          | (244)   | -           | 17,256        |
| Federal Agencies   | 3134G9YR2 | FREDDIE MAC              | 50,000,000 | 1.50   | 1.50             | 7/12/16     | 7/12/19  | 62,500          | -       | -           | 62,500        |
| Federal Agencies   | 3133EGED3 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.90   | 1.90             | 6/9/16      | 8/9/19   | 40,196          | -       | -           | 40,196        |
| Federal Agencies   | 3133EGED3 | FEDERAL FARM CREDIT BANK | 25,000,000 | 1.90   | 1.90             | 6/9/16      | 8/9/19   | 40,196          | -       | -           | 40,196        |
| Federal Agencies   | 3134G94F1 | FREDDIE MAC              | 25,000,000 | 1.25   | 1.25             | 8/15/16     | 8/15/19  | 26,042          | -       | -           | 26,042        |
| Federal Agencies   | 3133EGX67 | FEDERAL FARM CREDIT BANK | 50,000,000 | 1.94   | 1.94             | 12/20/16    | 8/20/19  | 77,592          | -       | -           | 77,592        |
| Federal Agencies   | 3135G0P23 | FANNIE MAE               | 20,000,000 | 1.25   | 1.25             | 8/30/16     | 8/23/19  | 20,833          | -       | -           | 20,833        |
| Federal Agencies   | 3136G3X59 | FANNIE MAE               | 25,000,000 | 1.10   | 1.10             | 8/23/16     | 8/23/19  | 22,917          | -       | -           | 22,917        |
| Federal Agencies   | 3134G9GS0 | FREDDIE MAC              | 25,000,000 | 1.25   | 1.25             | 5/26/16     | 8/26/19  | 26,042          | -       | -           | 26,042        |
| Federal Agencies   | 3134GAFY5 | FREDDIE MAC              | 8,450,000  | 1.30   | 1.82             | 11/28/17    | 8/28/19  | 9,154           | 3,654   | -           | 12,808        |
| Federal Agencies   | 3134GAHR8 | FREDDIE MAC              | 25,000,000 | 1.50   | 1.50             | 9/23/16     | 9/23/19  | 29,340          | -       | -           | 29,340        |
| Federal Agencies   | 3135G0Q30 | FANNIE MAE               | 50,000,000 | 1.18   | 1.18             | 10/21/16    | 9/27/19  | 49,167          | -       | -           | 49,167        |
| Federal Agencies   | 3132X0KH3 | FARMER MAC               | 50,000,000 | 1.70   | 1.70             | 10/6/16     | 10/1/19  | 73,395          | -       | -           | 73,395        |

## Monthly Investment Earnings Pooled Fund

| Type of Investment | CUSIP     | Issuer Name              | Par Value   | Coupon | YTM <sup>1</sup> | Settle Date | Maturity |                 | Amort.   | Realized    | Earned Income |
|--------------------|-----------|--------------------------|-------------|--------|------------------|-------------|----------|-----------------|----------|-------------|---------------|
|                    |           |                          |             |        |                  |             | Date     | Earned Interest | Expense  | Gain/(Loss) | /Net Earnings |
| Federal Agencies   | 3133EGXK6 | FEDERAL FARM CREDIT BANK | 20,000,000  | 1.12   | 1.86             | 12/11/17    | 10/11/19 | 18,667          | 12,236   | -           | 30,902        |
| Federal Agencies   | 3134G8TG4 | FREDDIE MAC              | 15,000,000  | 1.50   | 1.50             | 4/11/16     | 10/11/19 | 18,750          | -        | -           | 18,750        |
| Federal Agencies   | 3130ACM92 | FEDERAL HOME LOAN BANK   | 21,500,000  | 1.50   | 1.59             | 10/13/17    | 10/21/19 | 26,875          | 1,599    | -           | 28,474        |
| Federal Agencies   | 3136G0T68 | FANNIE MAE               | 14,000,000  | 1.33   | 1.44             | 8/28/17     | 10/24/19 | 15,517          | 1,252    | -           | 16,768        |
| Federal Agencies   | 3134GBHT2 | FREDDIE MAC              | 50,000,000  | 1.63   | 1.60             | 9/12/17     | 10/25/19 | 67,708          | (983)    | -           | 66,726        |
| Federal Agencies   | 3136G4FJ7 | FANNIE MAE               | 25,000,000  | 1.20   | 1.20             | 10/25/16    | 10/25/19 | 25,000          | -        | -           | 25,000        |
| Federal Agencies   | 3136G4EZ2 | FANNIE MAE               | 50,000,000  | 1.13   | 1.16             | 10/28/16    | 10/30/19 | 46,875          | 1,413    | -           | 48,288        |
| Federal Agencies   | 3134GAVL5 | FREDDIE MAC              | 100,000,000 | 1.17   | 1.17             | 11/4/16     | 11/4/19  | 97,500          | -        | -           | 97,500        |
| Federal Agencies   | 3136G3LV5 | FANNIE MAE               | 8,950,000   | 1.35   | 1.35             | 5/26/16     | 11/26/19 | 10,069          | -        | -           | 10,069        |
| Federal Agencies   | 3133EGN43 | FEDERAL FARM CREDIT BANK | 50,000,000  | 1.83   | 1.83             | 12/2/16     | 12/2/19  | 78,669          | -        | -           | 78,669        |
| Federal Agencies   | 3130A0JR2 | FEDERAL HOME LOAN BANK   | 11,360,000  | 2.38   | 1.90             | 12/15/17    | 12/13/19 | 22,483          | (4,466)  | -           | 18,017        |
| Federal Agencies   | 3130A0JR2 | FEDERAL HOME LOAN BANK   | 20,000,000  | 2.38   | 1.90             | 12/12/17    | 12/13/19 | 39,583          | (7,893)  | -           | 31,690        |
| Federal Agencies   | 3130A0JR2 | FEDERAL HOME LOAN BANK   | 40,000,000  | 2.38   | 1.90             | 12/15/17    | 12/13/19 | 79,167          | (15,721) | -           | 63,445        |
| Federal Agencies   | 3132X0PG0 | FARMER MAC               | 50,000,000  | 1.76   | 1.76             | 2/10/17     | 1/3/20   | 75,318          | -        | -           | 75,318        |
| Federal Agencies   | 3134G9VR5 | FREDDIE MAC              | 25,000,000  | 1.38   | 1.38             | 7/6/16      | 1/6/20   | 28,646          | -        | -           | 28,646        |
| Federal Agencies   | 3136G4KQ5 | FANNIE MAE               | 1,000,000   | 1.65   | 1.84             | 11/17/17    | 1/17/20  | 1,375           | 154      | -           | 1,529         |
| Federal Agencies   | 3136G4KQ5 | FANNIE MAE               | 31,295,000  | 1.65   | 1.84             | 11/17/17    | 1/17/20  | 43,031          | 4,820    | -           | 47,851        |
| Federal Agencies   | 3130ADN32 | FEDERAL HOME LOAN BANK   | 50,000,000  | 2.13   | 2.22             | 2/9/18      | 2/11/20  | 88,542          | 3,875    | -           | 92,417        |
| Federal Agencies   | 313378J77 | FEDERAL HOME LOAN BANK   | 15,710,000  | 1.88   | 1.56             | 5/17/17     | 3/13/20  | 24,547          | (4,025)  | -           | 20,522        |
| Federal Agencies   | 3133EHZN6 | FEDERAL FARM CREDIT BANK | 20,000,000  | 1.45   | 1.49             | 9/20/17     | 3/20/20  | 24,167          | 700      | -           | 24,867        |
| Federal Agencies   | 3133EJHL6 | FEDERAL FARM CREDIT BANK | 50,000,000  | 2.38   | 2.41             | 3/27/18     | 3/27/20  | 13,194          | 246      | -           | 13,441        |
| Federal Agencies   | 3136G3TK1 | FANNIE MAE               | 25,000,000  | 1.50   | 1.50             | 7/6/16      | 4/6/20   | 31,250          | -        | -           | 31,250        |
| Federal Agencies   | 3136G4BL6 | FANNIE MAE               | 15,000,000  | 1.25   | 1.25             | 10/17/16    | 4/17/20  | 15,625          | -        | -           | 15,625        |
| Federal Agencies   | 3134GBLY6 | FREDDIE MAC              | 25,000,000  | 1.50   | 1.50             | 5/8/17      | 5/8/20   | 31,250          | -        | -           | 31,250        |
| Federal Agencies   | 3134GBPB2 | FREDDIE MAC              | 15,750,000  | 1.70   | 1.70             | 5/30/17     | 5/22/20  | 22,313          | -        | -           | 22,313        |
| Federal Agencies   | 3133EHNK5 | FEDERAL FARM CREDIT BANK | 25,000,000  | 1.54   | 1.54             | 6/15/17     | 6/15/20  | 32,083          | 71       | -           | 32,154        |
| Federal Agencies   | 3133EHNK5 | FEDERAL FARM CREDIT BANK | 26,900,000  | 1.54   | 1.55             | 6/15/17     | 6/15/20  | 34,522          | 152      | -           | 34,674        |
| Federal Agencies   | 3134GBS0  | FREDDIE MAC              | 14,675,000  | 1.65   | 1.65             | 6/22/17     | 6/22/20  | 20,178          | -        | -           | 20,178        |
| Federal Agencies   | 3134GBTX0 | FREDDIE MAC              | 50,000,000  | 1.75   | 1.76             | 6/29/17     | 6/29/20  | 72,917          | 283      | -           | 73,200        |
| Federal Agencies   | 3136G3TG0 | FANNIE MAE               | 15,000,000  | 1.15   | 1.15             | 6/30/16     | 6/30/20  | 14,375          | -        | -           | 14,375        |
| Federal Agencies   | 3134GB5M0 | FREDDIE MAC              | 50,000,000  | 1.96   | 1.96             | 12/11/17    | 7/1/20   | 81,667          | -        | -           | 81,667        |
| Federal Agencies   | 3133EHQB2 | FEDERAL FARM CREDIT BANK | 25,000,000  | 1.55   | 1.56             | 7/6/17      | 7/6/20   | 32,292          | 284      | -           | 32,576        |
| Federal Agencies   | 3130ABNV4 | FEDERAL HOME LOAN BANK   | 50,000,000  | 1.75   | 1.75             | 7/13/17     | 7/13/20  | 72,917          | -        | -           | 72,917        |
| Federal Agencies   | 3134GBXV9 | FREDDIE MAC              | 50,000,000  | 1.85   | 1.85             | 7/13/17     | 7/13/20  | 77,083          | -        | -           | 77,083        |
| Federal Agencies   | 3135G0T60 | FANNIE MAE               | 50,000,000  | 1.50   | 1.60             | 8/1/17      | 7/30/20  | 62,500          | 4,293    | -           | 66,793        |
| Federal Agencies   | 3130ABZE9 | FEDERAL HOME LOAN BANK   | 6,700,000   | 1.65   | 1.65             | 8/28/17     | 8/28/20  | 9,213           | 19       | -           | 9,231         |
| Federal Agencies   | 3130ABZN9 | FEDERAL HOME LOAN BANK   | 25,000,000  | 1.80   | 1.80             | 8/28/17     | 8/28/20  | 37,500          | -        | -           | 37,500        |
| Federal Agencies   | 3130ABZN9 | FEDERAL HOME LOAN BANK   | 50,000,000  | 1.80   | 1.80             | 8/28/17     | 8/28/20  | 75,000          | -        | -           | 75,000        |
| Federal Agencies   | 3130ADT93 | FEDERAL HOME LOAN BANK   | 25,000,000  | 2.40   | 2.43             | 3/14/18     | 9/14/20  | 28,333          | 306      | -           | 28,639        |
| Federal Agencies   | 3130ACE26 | FEDERAL HOME LOAN BANK   | 18,000,000  | 1.38   | 1.48             | 9/8/17      | 9/28/20  | 20,625          | 1,605    | -           | 22,230        |
| Federal Agencies   | 3130ACE26 | FEDERAL HOME LOAN BANK   | 30,000,000  | 1.38   | 1.48             | 9/8/17      | 9/28/20  | 34,375          | 2,675    | -           | 37,050        |
| Federal Agencies   | 3130ACK52 | FEDERAL HOME LOAN BANK   | 25,530,000  | 1.70   | 2.48             | 3/12/18     | 10/5/20  | 22,906          | 10,552   | -           | 33,458        |
| Federal Agencies   | 3132X0KR1 | FARMER MAC               | 25,000,000  | 1.87   | 1.87             | 11/2/16     | 11/2/20  | 40,196          | -        | -           | 40,196        |
| Federal Agencies   | 3132X0ZF1 | FARMER MAC               | 12,000,000  | 1.93   | 2.02             | 11/13/17    | 11/9/20  | 19,300          | 852      | -           | 20,152        |
| Federal Agencies   | 3137EAEK1 | FREDDIE MAC              | 50,000,000  | 1.88   | 1.91             | 11/15/17    | 11/17/20 | 78,125          | 1,355    | -           | 79,480        |
| Federal Agencies   | 3134GBX56 | FREDDIE MAC              | 60,000,000  | 2.25   | 2.12             | 11/24/17    | 11/24/20 | 112,500         | (6,313)  | -           | 106,187       |
| Federal Agencies   | 3134GBLR1 | FREDDIE MAC              | 24,715,000  | 1.75   | 1.75             | 5/25/17     | 11/25/20 | 36,043          | 60       | -           | 36,103        |
| Federal Agencies   | 3133EHW58 | FEDERAL FARM CREDIT BANK | 25,000,000  | 1.90   | 1.91             | 11/27/17    | 11/27/20 | 39,583          | 208      | -           | 39,792        |
| Federal Agencies   | 3133EHW58 | FEDERAL FARM CREDIT BANK | 25,000,000  | 1.90   | 1.91             | 11/27/17    | 11/27/20 | 39,583          | 208      | -           | 39,792        |
| Federal Agencies   | 3130A3UQ5 | FEDERAL HOME LOAN BANK   | 10,000,000  | 1.88   | 2.02             | 12/13/17    | 12/11/20 | 15,625          | 1,201    | -           | 16,826        |
| Federal Agencies   | 3132X0ZY0 | FARMER MAC               | 12,750,000  | 2.05   | 2.07             | 12/15/17    | 12/15/20 | 21,781          | 242      | -           | 22,023        |
| Federal Agencies   | 3133EGX75 | FEDERAL FARM CREDIT BANK | 50,000,000  | 2.03   | 2.03             | 12/21/16    | 12/21/20 | 80,625          | -        | -           | 80,625        |
| Federal Agencies   | 3133EFTX5 | FEDERAL FARM CREDIT BANK | 100,000,000 | 2.20   | 2.20             | 12/24/15    | 12/24/20 | 173,550         | -        | -           | 173,550       |
| Federal Agencies   | 3133EG4T9 | FEDERAL FARM CREDIT BANK | 20,000,000  | 2.03   | 2.03             | 1/25/17     | 1/25/21  | 31,643          | -        | -           | 31,643        |

## Monthly Investment Earnings Pooled Fund

| Type of Investment   | CUSIP     | Issuer Name                    | Par Value               | Coupon | YTM <sup>1</sup> | Settle Date | Maturity |                     | Amort.             | Realized    | Earned Income       |
|----------------------|-----------|--------------------------------|-------------------------|--------|------------------|-------------|----------|---------------------|--------------------|-------------|---------------------|
|                      |           |                                |                         |        |                  |             | Date     | Earned Interest     | Expense            | Gain/(Loss) | /Net Earnings       |
| Federal Agencies     | 3133EG4T9 | FEDERAL FARM CREDIT BANK       | 20,000,000              | 2.03   | 2.03             | 1/25/17     | 1/25/21  | 31,643              | -                  | -           | 31,643              |
| Federal Agencies     | 3130AC2K9 | FEDERAL HOME LOAN BANK         | 50,200,000              | 1.87   | 1.88             | 9/20/17     | 2/10/21  | 78,228              | 251                | -           | 78,480              |
| Federal Agencies     | 3137EAE19 | FREDDIE MAC                    | 22,000,000              | 2.38   | 2.47             | 2/16/18     | 2/16/21  | 43,542              | 1,643              | -           | 45,184              |
| Federal Agencies     | 3134GBD58 | FREDDIE MAC                    | 5,570,000               | 1.80   | 1.80             | 8/30/17     | 2/26/21  | 8,355               | 14                 | -           | 8,369               |
| Federal Agencies     | 3130AAYP7 | FEDERAL HOME LOAN BANK         | 8,585,000               | 2.20   | 2.17             | 8/11/17     | 3/22/21  | 15,739              | (196)              | -           | 15,543              |
| Federal Agencies     | 3132X0Q53 | FARMER MAC                     | 6,350,000               | 2.60   | 2.64             | 3/29/18     | 3/29/21  | 917                 | 19                 | -           | 936                 |
| Federal Agencies     | 3132X0Q53 | FARMER MAC                     | 20,450,000              | 2.60   | 2.64             | 3/29/18     | 3/29/21  | 2,954               | 61                 | -           | 3,015               |
| Federal Agencies     | 3134GBJP8 | FREDDIE MAC                    | 22,000,000              | 1.89   | 2.06             | 11/16/17    | 5/3/21   | 34,650              | 3,075              | -           | 37,725              |
| Federal Agencies     | 3130ACVS0 | FEDERAL HOME LOAN BANK         | 50,000,000              | 2.13   | 2.13             | 11/30/17    | 6/15/21  | 88,750              | -                  | -           | 88,750              |
| Federal Agencies     | 3130ACVS0 | FEDERAL HOME LOAN BANK         | 50,000,000              | 2.13   | 2.13             | 11/30/17    | 6/15/21  | 88,750              | -                  | -           | 88,750              |
| Federal Agencies     | 3134GBJ60 | FREDDIE MAC                    | 50,000,000              | 1.90   | 1.90             | 9/29/17     | 6/29/21  | 79,167              | -                  | -           | 79,167              |
| Federal Agencies     | 3134G9H26 | FREDDIE MAC                    | 1,219,000               | 1.50   | 1.92             | 1/29/18     | 6/30/21  | 1,524               | 424                | -           | 1,948               |
| Federal Agencies     | 3134G9H26 | FREDDIE MAC                    | 3,917,000               | 1.50   | 1.86             | 1/25/18     | 6/30/21  | 4,896               | 1,164              | -           | 6,060               |
| Federal Agencies     | 3130ACQ98 | FEDERAL HOME LOAN BANK         | 100,000,000             | 2.08   | 2.08             | 11/1/17     | 7/1/21   | 173,333             | -                  | -           | 173,333             |
| Federal Agencies     | 3134GBM25 | FREDDIE MAC                    | 50,000,000              | 1.92   | 1.92             | 10/2/17     | 7/1/21   | 80,000              | -                  | -           | 80,000              |
| Federal Agencies     | 3130ACF33 | FEDERAL HOME LOAN BANK         | 25,000,000              | 1.88   | 1.95             | 9/18/17     | 9/13/21  | 39,063              | 1,544              | -           | 40,606              |
| Federal Agencies     | 3135G0Q89 | FANNIE MAE                     | 25,000,000              | 1.38   | 1.38             | 10/21/16    | 10/7/21  | 28,646              | -                  | -           | 28,646              |
| Federal Agencies     | 3133EGZJ7 | FEDERAL FARM CREDIT BANK       | 14,500,000              | 1.38   | 1.38             | 10/25/16    | 10/25/21 | 16,615              | -                  | -           | 16,615              |
| Federal Agencies     | 3133EGZJ7 | FEDERAL FARM CREDIT BANK       | 15,000,000              | 1.38   | 1.38             | 10/25/16    | 10/25/21 | 17,188              | -                  | -           | 17,188              |
| Federal Agencies     | 3133EGS97 | FEDERAL FARM CREDIT BANK       | 25,000,000              | 1.98   | 1.98             | 12/8/16     | 12/8/21  | 42,011              | -                  | -           | 42,011              |
| Federal Agencies     | 3133EGS97 | FEDERAL FARM CREDIT BANK       | 25,000,000              | 1.98   | 1.98             | 12/8/16     | 12/8/21  | 42,011              | -                  | -           | 42,011              |
| Federal Agencies     | 3130ACB60 | FEDERAL HOME LOAN BANK         | 50,000,000              | 2.00   | 2.00             | 9/8/17      | 12/15/21 | 83,333              | -                  | -           | 83,333              |
| Federal Agencies     | 3135G0T45 | FANNIE MAE                     | 25,000,000              | 1.88   | 1.81             | 6/6/17      | 4/5/22   | 39,063              | (1,270)            | -           | 37,793              |
| Federal Agencies     | 3134GBQG0 | FREDDIE MAC                    | 50,000,000              | 2.18   | 2.18             | 5/25/17     | 5/25/22  | 90,833              | -                  | -           | 90,833              |
| Federal Agencies     | 3133EHL7  | FEDERAL FARM CREDIT BANK       | 50,000,000              | 1.88   | 1.85             | 6/6/17      | 6/2/22   | 78,125              | (1,008)            | -           | 77,117              |
| Federal Agencies     | 3133EHL7  | FEDERAL FARM CREDIT BANK       | 50,000,000              | 1.88   | 1.88             | 6/9/17      | 6/2/22   | 78,125              | 43                 | -           | 78,168              |
| Federal Agencies     | 3134GBF72 | FREDDIE MAC                    | 50,000,000              | 2.01   | 2.01             | 9/15/17     | 6/15/22  | 83,750              | -                  | -           | 83,750              |
| Federal Agencies     | 3134GBN73 | FREDDIE MAC                    | 50,000,000              | 2.07   | 2.07             | 10/2/17     | 7/1/22   | 86,250              | -                  | -           | 86,250              |
| Federal Agencies     | 3134GBW99 | FREDDIE MAC                    | 100,000,000             | 2.24   | 2.24             | 11/1/17     | 7/1/22   | 186,667             | -                  | -           | 186,667             |
| Federal Agencies     | 3134GBXU1 | FREDDIE MAC                    | 31,575,000              | 2.25   | 2.25             | 7/27/17     | 7/27/22  | 59,203              | -                  | -           | 59,203              |
| Federal Agencies     | 3130AC7E8 | FEDERAL HOME LOAN BANK         | 50,000,000              | 2.17   | 2.17             | 9/1/17      | 9/1/22   | 90,417              | -                  | -           | 90,417              |
| <b>Subtotals</b>     |           |                                | <b>\$ 4,596,776,000</b> |        |                  |             |          | <b>\$ 6,402,526</b> | <b>\$ 74,963</b>   | <b>\$ -</b> | <b>\$ 6,477,489</b> |
| State/Local Agencies | 91412GL52 | UNIV OF CALIFORNIA CA REVENUES | \$ 2,470,000            | 0.99   | 0.99             | 6/30/16     | 5/15/18  | \$ 2,044            | \$ -               | \$ -        | \$ 2,044            |
| State/Local Agencies | 546456CY8 | LOUISIANA ST CITIZENS PROPERTY | 4,500,000               | 6.13   | 1.30             | 11/30/16    | 6/1/18   | 22,969              | (18,219)           | -           | 4,750               |
| State/Local Agencies | 603786GJ7 | MINNEAPOLIS MN REVENUE         | 1,000,000               | 4.88   | 1.40             | 12/1/16     | 8/1/18   | 4,063               | (2,908)            | -           | 1,155               |
| State/Local Agencies | 13063C4V9 | CALIFORNIA ST                  | 50,000,000              | 1.05   | 0.90             | 11/3/16     | 11/1/18  | 43,750              | (6,281)            | -           | 37,469              |
| State/Local Agencies | 13063DAB4 | CALIFORNIA ST                  | 23,000,000              | 1.59   | 1.59             | 4/27/17     | 4/1/19   | 30,533              | -                  | -           | 30,533              |
| State/Local Agencies | 13063CKL3 | CALIFORNIA ST                  | 4,750,000               | 2.25   | 1.15             | 10/27/16    | 5/1/19   | 8,906               | (4,368)            | -           | 4,539               |
| State/Local Agencies | 91412GL60 | UNIV OF CALIFORNIA CA REVENUES | 2,000,000               | 1.23   | 1.23             | 6/30/16     | 5/15/19  | 2,047               | -                  | -           | 2,047               |
| State/Local Agencies | 91412GSB2 | UNIV OF CALIFORNIA CA REVENUES | 4,180,000               | 1.80   | 1.57             | 10/5/15     | 7/1/19   | 6,256               | (782)              | -           | 5,474               |
| State/Local Agencies | 91412GSB2 | UNIV OF CALIFORNIA CA REVENUES | 16,325,000              | 1.80   | 1.56             | 10/2/15     | 7/1/19   | 24,433              | (3,096)            | -           | 21,337              |
| State/Local Agencies | 6055804W6 | MISSISSIPPI ST                 | 8,500,000               | 6.09   | 1.38             | 4/23/15     | 10/1/19  | 43,130              | (32,825)           | -           | 10,305              |
| State/Local Agencies | 977100CW4 | WISCONSIN ST GEN FUND ANNUAL A | 18,000,000              | 1.45   | 1.45             | 8/16/16     | 5/1/20   | 21,690              | -                  | -           | 21,690              |
| State/Local Agencies | 13066YTY5 | CALIFORNIA ST DEPT OF WTR RESO | 29,139,823              | 1.71   | 2.13             | 2/6/17      | 5/1/21   | 41,597              | 9,893              | -           | 51,490              |
| State/Local Agencies | 91412GF59 | UNIV OF CALIFORNIA CA REVENUES | 1,769,000               | 1.91   | 1.40             | 8/9/16      | 5/15/21  | 2,816               | (743)              | -           | 2,073               |
| <b>Subtotals</b>     |           |                                | <b>\$ 165,633,823</b>   |        |                  |             |          | <b>\$ 254,233</b>   | <b>\$ (59,329)</b> | <b>\$ -</b> | <b>\$ 194,904</b>   |

## Monthly Investment Earnings Pooled Fund

| Type of Investment   | CUSIP     | Issuer Name                 | Par Value            | Coupon | YTM <sup>1</sup> | Settle Date | Maturity |                  | Earned Interest | Amort.      | Realized         | Earned Income |
|----------------------|-----------|-----------------------------|----------------------|--------|------------------|-------------|----------|------------------|-----------------|-------------|------------------|---------------|
|                      |           |                             |                      |        |                  |             | Date     | Date             |                 | Expense     | Gain/(Loss)      | /Net Earnings |
| Public Time Deposits | PP9F2HFF8 | TRANS-PAC NATIONAL BK       | \$ -                 | 1.47   | 1.47             | 3/21/17     | 3/21/18  | \$ 193           | \$ -            | \$ -        | \$ 193           |               |
| Public Time Deposits | PP302GIL3 | BANK OF SAN FRANCISCO       | 240,000              | 1.37   | 1.37             | 4/11/17     | 4/11/18  | 283              | -               | -           | 283              |               |
| Public Time Deposits | PPA01U877 | PREFERRED BANK LA CALIF     | 240,000              | 1.44   | 1.44             | 5/16/17     | 5/16/18  | 294              | -               | -           | 294              |               |
| Public Time Deposits | PPA30X603 | SAN FRANCISCO CREDIT UNION  | 9,500,000            | 1.58   | 1.58             | 3/5/18      | 6/5/18   | 11,103           | -               | -           | 11,103           |               |
| Public Time Deposits | PPQD16IX7 | BRIDGE BANK                 | 10,000,000           | 1.73   | 1.73             | 3/27/18     | 6/25/18  | 2,370            | -               | -           | 2,370            |               |
| Public Time Deposits | PPF00EG70 | BANK OF SAN FRANCISCO       | 5,000,000            | 1.91   | 1.91             | 3/16/18     | 9/12/18  | 4,244            | -               | -           | 4,244            |               |
| <b>Subtotals</b>     |           |                             | <b>\$ 24,980,000</b> |        |                  |             |          | <b>\$ 18,488</b> | <b>\$ -</b>     | <b>\$ -</b> | <b>\$ 18,488</b> |               |
| Negotiable CDs       | 78009NW36 | ROYAL BANK OF CANADA NY     | \$ -                 | 1.84   | 1.84             | 7/5/17      | 4/5/18   | \$ 68,265        | \$ -            | \$ 500      | \$ 68,765        |               |
| Negotiable CDs       | 78009N5U6 | ROYAL BANK OF CANADA NY     | 50,000,000           | 1.78   | 1.78             | 12/22/17    | 4/24/18  | 76,639           | -               | -           | 76,639           |               |
| Negotiable CDs       | 78009NT63 | ROYAL BANK OF CANADA NY     | 50,000,000           | 1.47   | 1.47             | 5/10/17     | 5/10/18  | 63,292           | -               | -           | 63,292           |               |
| Negotiable CDs       | 06417GZN1 | BANK OF NOVA SCOTIA HOUSTON | 50,000,000           | 1.54   | 1.54             | 10/16/17    | 5/14/18  | 66,306           | -               | -           | 66,306           |               |
| Negotiable CDs       | 06417GXY9 | BANK OF NOVA SCOTIA HOUSTON | 35,000,000           | 1.48   | 1.48             | 8/30/17     | 5/25/18  | 44,606           | -               | -           | 44,606           |               |
| Negotiable CDs       | 89113W2C9 | TORONTO DOMINION BANK NY    | 50,000,000           | 1.46   | 1.46             | 6/2/17      | 6/4/18   | 62,861           | -               | -           | 62,861           |               |
| Negotiable CDs       | 78009NU46 | ROYAL BANK OF CANADA NY     | 50,000,000           | 2.20   | 2.20             | 6/12/17     | 6/12/18  | 86,798           | -               | -           | 86,798           |               |
| Negotiable CDs       | 89113XBB9 | TORONTO DOMINION BANK NY    | 50,000,000           | 1.50   | 1.50             | 8/10/17     | 6/15/18  | 64,583           | -               | -           | 64,583           |               |
| Negotiable CDs       | 89113XBV5 | TORONTO DOMINION BANK NY    | 50,000,000           | 1.50   | 1.50             | 8/16/17     | 6/15/18  | 64,583           | -               | -           | 64,583           |               |
| Negotiable CDs       | 06371EDT1 | BANK OF MONTREAL CHICAGO    | 50,000,000           | 1.87   | 1.87             | 7/6/17      | 7/2/18   | 80,391           | -               | -           | 80,391           |               |
| Negotiable CDs       | 06371EMD6 | BANK OF MONTREAL CHICAGO    | 50,000,000           | 1.50   | 1.50             | 9/1/17      | 7/2/18   | 64,583           | -               | -           | 64,583           |               |
| Negotiable CDs       | 06371EQ77 | BANK OF MONTREAL CHICAGO    | 50,000,000           | 1.86   | 1.86             | 10/4/17     | 7/2/18   | 79,961           | -               | -           | 79,961           |               |
| Negotiable CDs       | 06371EXP7 | BANK OF MONTREAL CHICAGO    | 50,000,000           | 1.75   | 1.75             | 12/8/17     | 7/2/18   | 75,347           | -               | -           | 75,347           |               |
| Negotiable CDs       | 78009N6F8 | ROYAL BANK OF CANADA NY     | 50,000,000           | 1.82   | 1.82             | 1/4/18      | 7/2/18   | 78,361           | -               | -           | 78,361           |               |
| Negotiable CDs       | 89113W5H5 | TORONTO DOMINION BANK NY    | 50,000,000           | 1.55   | 1.55             | 7/6/17      | 7/2/18   | 66,736           | -               | -           | 66,736           |               |
| Negotiable CDs       | 89113XAT1 | TORONTO DOMINION BANK NY    | 50,000,000           | 1.48   | 1.48             | 8/8/17      | 7/2/18   | 63,722           | -               | -           | 63,722           |               |
| Negotiable CDs       | 96121T3R7 | WESTPAC BANKING CORP NY     | 50,000,000           | 1.82   | 1.82             | 7/7/17      | 7/2/18   | 78,239           | -               | -           | 78,239           |               |
| Negotiable CDs       | 06371E2G1 | BANK OF MONTREAL CHICAGO    | 25,000,000           | 2.25   | 2.25             | 3/29/18     | 7/9/18   | 4,688            | -               | -           | 4,688            |               |
| Negotiable CDs       | 78009NX50 | ROYAL BANK OF CANADA NY     | 50,000,000           | 2.07   | 2.07             | 7/24/17     | 7/24/18  | 80,481           | -               | -           | 80,481           |               |
| Negotiable CDs       | 96121T3W6 | WESTPAC BANKING CORP NY     | 50,000,000           | 2.02   | 2.02             | 7/26/17     | 7/26/18  | 78,328           | -               | -           | 78,328           |               |
| Negotiable CDs       | 96121T4D7 | WESTPAC BANKING CORP NY     | 50,000,000           | 1.53   | 1.53             | 8/9/17      | 8/9/18   | 65,875           | -               | -           | 65,875           |               |
| Negotiable CDs       | 89113XVW6 | TORONTO DOMINION BANK NY    | 50,000,000           | 2.00   | 2.00             | 2/5/18      | 8/31/18  | 86,111           | -               | -           | 86,111           |               |
| Negotiable CDs       | 06371EN60 | BANK OF MONTREAL CHICAGO    | 25,000,000           | 2.05   | 2.05             | 2/9/18      | 9/6/18   | 44,132           | -               | -           | 44,132           |               |
| Negotiable CDs       | 06417GK72 | BANK OF NOVA SCOTIA HOUSTON | 50,000,000           | 2.09   | 2.09             | 2/14/18     | 9/17/18  | 89,986           | -               | -           | 89,986           |               |
| Negotiable CDs       | 65602UP85 | NORINCHUKIN BANK (NY)       | 50,000,000           | 2.28   | 2.28             | 3/29/18     | 9/28/18  | 9,487            | -               | -           | 9,487            |               |
| Negotiable CDs       | 06371EQJ9 | BANK OF MONTREAL CHICAGO    | 50,000,000           | 1.88   | 1.88             | 10/3/17     | 10/1/18  | 81,124           | -               | -           | 81,124           |               |
| Negotiable CDs       | 96121T4S4 | WESTPAC BANKING CORP NY     | 50,000,000           | 1.97   | 1.97             | 10/11/17    | 10/15/18 | 80,996           | -               | -           | 80,996           |               |
| Negotiable CDs       | 06371ERP4 | BANK OF MONTREAL CHICAGO    | 45,000,000           | 2.08   | 2.08             | 10/16/17    | 10/25/18 | 72,821           | -               | -           | 72,821           |               |
| Negotiable CDs       | 06417GZR2 | BANK OF NOVA SCOTIA HOUSTON | 50,000,000           | 2.07   | 2.07             | 10/25/17    | 10/25/18 | 80,481           | -               | -           | 80,481           |               |



## Monthly Investment Earnings Pooled Fund

| Type of Investment | CUSIP     | Issuer Name                   | Par Value               | Coupon | YTM <sup>1</sup> | Settle Date | Maturity |                     | Earned Interest   | Amort.        | Realized            | Earned Income |
|--------------------|-----------|-------------------------------|-------------------------|--------|------------------|-------------|----------|---------------------|-------------------|---------------|---------------------|---------------|
|                    |           |                               |                         |        |                  |             | Date     | Expense             |                   | Gain/(Loss)   | /Net Earnings       |               |
| Negotiable CDs     | 89113XJJ4 | TORONTO DOMINION BANK NY      | 50,000,000              | 2.07   | 2.07             | 10/18/17    | 10/25/18 | 80,481              | -                 | -             | 80,481              |               |
| Negotiable CDs     | 06417GZT8 | BANK OF NOVA SCOTIA HOUSTON   | 50,000,000              | 1.92   | 1.92             | 11/2/17     | 11/9/18  | 81,038              | -                 | -             | 81,038              |               |
| Negotiable CDs     | 89113XLP7 | TORONTO DOMINION BANK NY      | 50,000,000              | 1.91   | 1.91             | 11/2/17     | 11/9/18  | 80,607              | -                 | -             | 80,607              |               |
| Negotiable CDs     | 78009N3T1 | ROYAL BANK OF CANADA NY       | 50,000,000              | 1.83   | 1.83             | 11/20/17    | 11/20/18 | 78,792              | -                 | -             | 78,792              |               |
| Negotiable CDs     | 78012UAW5 | ROYAL BANK OF CANADA NY       | 25,000,000              | 2.18   | 2.18             | 2/27/18     | 11/27/18 | 42,421              | -                 | -             | 42,421              |               |
| Negotiable CDs     | 89113XQJ6 | TORONTO DOMINION BANK NY      | 25,000,000              | 1.92   | 1.92             | 12/6/17     | 12/6/18  | 40,959              | -                 | -             | 40,959              |               |
| Negotiable CDs     | 89113XQJ6 | TORONTO DOMINION BANK NY      | 50,000,000              | 1.92   | 1.92             | 12/6/17     | 12/6/18  | 81,918              | -                 | -             | 81,918              |               |
| Negotiable CDs     | 06417GC48 | BANK OF NOVA SCOTIA HOUS      | 50,000,000              | 1.93   | 1.93             | 12/7/17     | 12/7/18  | 82,157              | -                 | -             | 82,157              |               |
| Negotiable CDs     | 78009N5B8 | ROYAL BANK OF CANADA NY       | 50,000,000              | 1.93   | 1.93             | 12/8/17     | 12/7/18  | 82,157              | -                 | -             | 82,157              |               |
| Negotiable CDs     | 96121T5B0 | WESTPAC BANKING CORP NY       | 50,000,000              | 1.90   | 1.90             | 12/7/17     | 12/7/18  | 80,865              | -                 | -             | 80,865              |               |
| Negotiable CDs     | 78009N5M4 | ROYAL BANK OF CANADA NY       | 50,000,000              | 2.05   | 2.05             | 12/19/17    | 12/19/18 | 82,825              | -                 | -             | 82,825              |               |
| Negotiable CDs     | 96121T5K0 | WESTPAC BANKING CORP NY       | 50,000,000              | 2.07   | 2.07             | 12/27/17    | 12/21/18 | 82,347              | -                 | -             | 82,347              |               |
| Negotiable CDs     | 06371EA64 | BANK OF MONTREAL CHICAGO      | 25,000,000              | 2.05   | 2.05             | 12/27/17    | 12/24/18 | 44,132              | -                 | -             | 44,132              |               |
| Negotiable CDs     | 96121T5M6 | WESTPAC BANKING CORP NY       | 50,000,000              | 2.11   | 2.11             | 12/28/17    | 12/28/18 | 82,130              | -                 | -             | 82,130              |               |
| Negotiable CDs     | 06371EFH5 | BANK OF MONTREAL CHICAGO      | 50,000,000              | 1.96   | 1.96             | 7/17/17     | 1/17/19  | 84,446              | -                 | -             | 84,446              |               |
| Negotiable CDs     | 06371EL21 | BANK OF MONTREAL CHICAGO      | 25,000,000              | 2.11   | 2.11             | 1/29/18     | 1/23/19  | 41,498              | -                 | -             | 41,498              |               |
| Negotiable CDs     | 96121T7B8 | WESTPAC BANKING CORP NY       | 50,000,000              | 2.02   | 2.02             | 3/5/18      | 3/5/19   | 75,608              | -                 | -             | 75,608              |               |
| Negotiable CDs     | 06427KSW8 | BANK OF MONTREAL CHICAGO      | 27,838,000              | 2.33   | 2.33             | 3/9/17      | 3/8/19   | 52,949              | -                 | -             | 52,949              |               |
| Negotiable CDs     | 78012UCE3 | ROYAL BANK OF CANADA NY       | 50,000,000              | 2.36   | 2.36             | 3/28/18     | 4/1/19   | 13,094              | -                 | -             | 13,094              |               |
| <b>Subtotals</b>   |           |                               | <b>\$ 2,157,838,000</b> |        |                  |             |          | <b>\$ 3,250,206</b> | <b>\$ -</b>       | <b>\$ 500</b> | <b>\$ 3,250,706</b> |               |
| Commercial Paper   | 63873KC13 | NATIXIS NY BRANCH             | \$ -                    | 0.00   | 1.35             | 2/28/18     | 3/1/18   | \$ -                | \$ -              | \$ -          | \$ -                |               |
| Commercial Paper   | 89233HC28 | TOYOTA MOTOR CREDIT CORP      | -                       | 0.00   | 1.40             | 6/7/17      | 3/2/18   | 1,931               | -                 | -             | 1,931               |               |
| Commercial Paper   | 63873KC54 | NATIXIS NY BRANCH             | -                       | 0.00   | 1.41             | 3/2/18      | 3/5/18   | -                   | 7,050             | -             | 7,050               |               |
| Commercial Paper   | 06538CCK5 | BANK TOKYO-MIT UFJ NY         | -                       | 0.00   | 1.58             | 12/11/17    | 3/19/18  | -                   | 54,950            | -             | 54,950              |               |
| Commercial Paper   | 63873KCM7 | NATIXIS NY BRANCH             | -                       | 0.00   | 1.45             | 2/27/18     | 3/21/18  | -                   | 29,000            | -             | 29,000              |               |
| Commercial Paper   | 89233HCP7 | TOYOTA MOTOR CREDIT CORP      | -                       | 0.00   | 1.47             | 6/26/17     | 3/23/18  | 44,306              | -                 | -             | 44,306              |               |
| Commercial Paper   | 19416FCU6 | COLGATE-PALMOLIVE CO          | -                       | 0.00   | 1.69             | 3/27/18     | 3/28/18  | -                   | 939               | -             | 939                 |               |
| Commercial Paper   | 63873KCV7 | NATIXIS NY BRANCH             | -                       | 0.00   | 1.67             | 3/27/18     | 3/29/18  | -                   | 4,639             | -             | 4,639               |               |
| Commercial Paper   | 89233HCW2 | TOYOTA MOTOR CREDIT CORP      | -                       | 0.00   | 1.53             | 7/6/17      | 3/30/18  | 56,625              | -                 | -             | 56,625              |               |
| Commercial Paper   | 19416FD27 | COLGATE-PALMOLIVE CO          | 18,000,000              | 0.00   | 1.69             | 3/29/18     | 4/2/18   | -                   | 2,535             | -             | 2,535               |               |
| Commercial Paper   | 89233HD27 | TOYOTA MOTOR CREDIT CORP      | 50,000,000              | 0.00   | 1.69             | 12/15/17    | 4/2/18   | -                   | 72,333            | -             | 72,333              |               |
| Commercial Paper   | 19416FD50 | COLGATE-PALMOLIVE CO          | 60,000,000              | 0.00   | 1.72             | 3/29/18     | 4/5/18   | -                   | 8,600             | -             | 8,600               |               |
| Commercial Paper   | 06538CDQ1 | BANK TOKYO-MIT UFJ NY         | 40,000,000              | 0.00   | 1.54             | 10/18/17    | 4/24/18  | -                   | 52,700            | -             | 52,700              |               |
| Commercial Paper   | 06538CDW8 | BANK TOKYO-MIT UFJ NY         | 50,000,000              | 0.00   | 1.76             | 1/4/18      | 4/30/18  | -                   | 75,347            | -             | 75,347              |               |
| Commercial Paper   | 89233HEE0 | TOYOTA MOTOR CREDIT CORPORATI | 50,000,000              | 0.00   | 1.76             | 1/22/18     | 5/14/18  | -                   | 75,347            | -             | 75,347              |               |
| Commercial Paper   | 06538CF89 | BANK TOKYO-MIT UFJ NY         | 50,000,000              | 0.00   | 1.58             | 9/12/17     | 6/8/18   | 67,167              | -                 | -             | 67,167              |               |
| Commercial Paper   | 06538CFF3 | BANK TOKYO-MIT UFJ NY         | 50,000,000              | 0.00   | 1.58             | 9/19/17     | 6/15/18  | -                   | 67,167            | -             | 67,167              |               |
| Commercial Paper   | 06538CG21 | BANK TOKYO-MIT UFJ NY         | 45,000,000              | 0.00   | 2.33             | 3/26/18     | 7/2/18   | -                   | 17,400            | -             | 17,400              |               |
| Commercial Paper   | 06538CG21 | BANK TOKYO-MIT UFJ NY         | 50,000,000              | 0.00   | 1.85             | 1/4/18      | 7/2/18   | -                   | 78,792            | -             | 78,792              |               |
| Commercial Paper   | 06538CG21 | BANK TOKYO-MIT UFJ NY         | 50,000,000              | 0.00   | 2.11             | 3/1/18      | 7/2/18   | -                   | 89,986            | -             | 89,986              |               |
| Commercial Paper   | 89233HGP3 | TOYOTA MOTOR CREDIT CORP      | 50,000,000              | 0.00   | 2.34             | 3/28/18     | 7/23/18  | -                   | 12,889            | -             | 12,889              |               |
| Commercial Paper   | 06538CKK6 | BANK TOKYO-MIT UFJ NY         | 25,000,000              | 0.00   | 2.08             | 1/22/18     | 10/19/18 | -                   | 44,132            | -             | 44,132              |               |
| Commercial Paper   | 06538CKK6 | BANK TOKYO-MIT UFJ NY         | 45,000,000              | 0.00   | 2.08             | 1/24/18     | 10/19/18 | -                   | 79,438            | -             | 79,438              |               |
| Commercial Paper   | 06538CKN0 | BANK TOKYO-MIT UFJ NY         | 25,000,000              | 0.00   | 2.09             | 1/25/18     | 10/22/18 | -                   | 44,347            | -             | 44,347              |               |
| Commercial Paper   | 89233HL93 | TOYOTA MOTOR CREDIT CORP      | 50,000,000              | 0.00   | 2.24             | 2/15/18     | 11/9/18  | -                   | 94,722            | -             | 94,722              |               |
| <b>Subtotals</b>   |           |                               | <b>\$ 708,000,000</b>   |        |                  |             |          | <b>\$ 170,028</b>   | <b>\$ 912,313</b> | <b>\$ -</b>   | <b>\$ 1,082,341</b> |               |
| Medium Term Notes  | 89236TDN2 | TOYOTA MOTOR CREDIT CORP      | \$ 50,000,000           | 1.96   | 1.96             | 1/9/17      | 1/9/19   | \$ 84,558           | \$ -              | \$ -          | \$ 84,558           |               |
| Medium Term Notes  | 89236TEJ0 | TOYOTA MOTOR CREDIT CORP      | 20,000,000              | 2.20   | 2.25             | 1/11/18     | 1/10/20  | 36,667              | 757               | -             | 37,424              |               |
| <b>Subtotals</b>   |           |                               | <b>\$ 70,000,000</b>    |        |                  |             |          | <b>\$ 121,225</b>   | <b>\$ 757</b>     | <b>\$ -</b>   | <b>\$ 121,982</b>   |               |

## Monthly Investment Earnings Pooled Fund

| Type of Investment  | CUSIP     | Issuer Name                     | Par Value               | Coupon | YTM <sup>1</sup> | Settle Date | Maturity |                      | Amort.              |               | Realized      | Earned Income        |
|---------------------|-----------|---------------------------------|-------------------------|--------|------------------|-------------|----------|----------------------|---------------------|---------------|---------------|----------------------|
|                     |           |                                 |                         |        |                  |             | Date     | Earned Interest      | Expense             | Gain/(Loss)   | /Net Earnings |                      |
| Money Market Funds  | 09248U718 | BLACKROCK LIQ INST GOV FUND     | \$ 50,031,507           | 1.55   | 1.55             | 3/29/18     | 4/1/18   | \$ 8,550             | \$ -                | \$ -          | \$ -          | 8,550                |
| Money Market Funds  | 31607A703 | FIDELITY INST GOV FUND          | 245,810,159             | 1.42   | 1.42             | 3/29/18     | 4/1/18   | 356,389              | -                   | -             | -             | 356,389              |
| Money Market Funds  | 61747C707 | MORGAN STANLEY INST GOVT FUND   | 100,671,769             | 1.61   | 1.61             | 3/29/18     | 4/1/18   | 16,740               | -                   | -             | -             | 16,740               |
| <b>Subtotals</b>    |           |                                 | <b>\$ 396,513,435</b>   |        |                  |             |          | <b>\$ 381,680</b>    | <b>\$ -</b>         | <b>\$ -</b>   | <b>\$ -</b>   | <b>\$ 381,680</b>    |
| Supranationals      | 459053TW4 | INTL BK RECON & DEVELOP DISCOUN | \$ -                    | 0.00   | 1.35             | 3/1/18      | 3/5/18   | \$ -                 | \$ 10,500           | \$ -          | \$ -          | 10,500               |
| Supranationals      | 459515TW2 | INTERNATIONAL FINANCE CORP DISC | -                       | 0.00   | 1.38             | 2/20/18     | 3/5/18   | -                    | 3,833               | -             | -             | 3,833                |
| Supranationals      | 45950VKP0 | INTL FINANCE CORP               | -                       | 1.63   | 1.63             | 3/6/17      | 3/6/18   | 11,339               | -                   | -             | -             | 11,339               |
| Supranationals      | 459053UA0 | INTL BK RECON & DEVELOPMENT DIS | -                       | 0.00   | 1.40             | 3/2/18      | 3/9/18   | -                    | 13,611              | -             | -             | 13,611               |
| Supranationals      | 459053VH4 | INTL BK RECON & DEVELOP DISCOUN | 50,000,000              | 0.00   | 1.60             | 3/28/18     | 4/9/18   | -                    | 8,889               | -             | -             | 8,889                |
| Supranationals      | 4581X0BR8 | INTER-AMERICAN DEVEL BK         | 16,000,000              | 1.75   | 1.72             | 12/28/17    | 8/24/18  | 23,333               | (332)               | -             | -             | 23,001               |
| Supranationals      | 459058ER0 | INTL BK RECON & DEVELOP         | 25,000,000              | 1.00   | 1.07             | 10/7/15     | 10/5/18  | 20,833               | 1,204               | -             | -             | 22,038               |
| Supranationals      | 45950VLM6 | INTERNATIONAL FINANCE CORP      | 50,000,000              | 1.67   | 1.67             | 3/1/18      | 3/1/19   | 71,864               | -                   | -             | -             | 71,864               |
| Supranationals      | 459058FQ1 | INTL BANK RECON & DEVELOPMENT   | 50,000,000              | 1.20   | 1.75             | 11/6/17     | 9/30/19  | 50,000               | 23,087              | -             | -             | 73,087               |
| Supranationals      | 45905UZJ6 | INTL BANK RECON & DEVELOPMENT   | 25,000,000              | 1.30   | 1.56             | 6/2/17      | 10/25/19 | 27,083               | 5,491               | -             | -             | 32,575               |
| Supranationals      | 45905UZJ6 | INTL BK RECON & DEVELOP         | 29,300,000              | 1.30   | 1.56             | 6/2/17      | 10/25/19 | 31,742               | 6,436               | -             | -             | 38,178               |
| Supranationals      | 459058FZ1 | INTL BK RECON & DEVELOP         | 50,000,000              | 1.88   | 1.91             | 3/21/17     | 4/21/20  | 78,125               | 1,197               | -             | -             | 79,322               |
| Supranationals      | 4581X0CX4 | INTER-AMERICAN DEVEL BK         | 25,000,000              | 1.63   | 1.72             | 4/12/17     | 5/12/20  | 33,854               | 1,631               | -             | -             | 35,485               |
| Supranationals      | 459058GA5 | INTL BK RECON & DEVELOPMENT     | 50,000,000              | 1.63   | 1.63             | 8/29/17     | 9/4/20   | 67,705               | 295                 | -             | -             | 68,001               |
| Supranationals      | 45905UQ80 | INTL BK RECON & DEVELOP         | 50,000,000              | 1.95   | 1.97             | 11/9/17     | 11/9/20  | 81,250               | 990                 | -             | -             | 82,240               |
| Supranationals      | 45905UQ80 | INTL BK RECON & DEVELOP         | 50,000,000              | 1.95   | 2.15             | 12/20/17    | 11/9/20  | 81,250               | 8,272               | -             | -             | 89,522               |
| Supranationals      | 45950KCM0 | INTERNATIONAL FINANCE CORP      | 50,000,000              | 2.25   | 2.35             | 1/25/18     | 1/25/21  | 93,750               | 4,158               | -             | -             | 97,908               |
| <b>Subtotals</b>    |           |                                 | <b>\$ 520,300,000</b>   |        |                  |             |          | <b>\$ 672,129</b>    | <b>\$ 89,262</b>    | <b>\$ -</b>   | <b>\$ -</b>   | <b>\$ 761,391</b>    |
| <b>Grand Totals</b> |           |                                 | <b>\$ 9,765,041,258</b> |        |                  |             |          | <b>\$ 12,010,796</b> | <b>\$ 1,771,656</b> | <b>\$ 500</b> | <b>\$ -</b>   | <b>\$ 13,782,952</b> |

<sup>1</sup>Yield to maturity is calculated at purchase

## Investment Transactions

### Pooled Fund

For month ended March 31, 2018

| Transaction      | Settle    | Maturity  | Type of Investment   | Issuer Name              | CUSIP     | Par Value              | Coupon      | YTM         | Price           | Interest          | Transaction            |
|------------------|-----------|-----------|----------------------|--------------------------|-----------|------------------------|-------------|-------------|-----------------|-------------------|------------------------|
| Purchase         | 3/1/2018  | 3/5/2018  | Supranationals       | INTL BK RECON & DEVELOP  | 459053TW4 | \$ 70,000,000          | 0.00        | 1.35        | \$ 99.99        | \$ -              | \$ 69,989,500          |
| Purchase         | 3/1/2018  | 4/1/2018  | Money Market Funds   | BLACKROCK LIQ INST GOV F | 09248U718 | 30                     | 1.25        | 1.25        | 100.00          | -                 | 30                     |
| Purchase         | 3/1/2018  | 7/2/2018  | Commercial Paper     | BANK TOKYO-MIT UFJ NY    | 06538CG21 | 50,000,000             | 0.00        | 2.11        | 99.29           | -                 | 49,642,958             |
| Purchase         | 3/1/2018  | 2/28/2019 | U.S. Treasuries      | TREASURY BILL            | 912796PT0 | 50,000,000             | 0.00        | 2.06        | 97.96           | -                 | 48,978,778             |
| Purchase         | 3/1/2018  | 3/1/2019  | Supranationals       | INTERNATIONAL FINANCE CO | 45950VLM6 | 50,000,000             | 1.62        | 1.62        | 100.00          | -                 | 50,000,000             |
| Purchase         | 3/2/2018  | 3/5/2018  | Commercial Paper     | NATIXIS NY BRANCH        | 63873KC54 | 60,000,000             | 0.00        | 1.41        | 99.99           | -                 | 59,992,950             |
| Purchase         | 3/2/2018  | 3/9/2018  | Supranationals       | INTL BK RECON & DEVELOPM | 459053UA0 | 50,000,000             | 0.00        | 1.40        | 99.97           | -                 | 49,986,389             |
| Purchase         | 3/5/2018  | 6/5/2018  | Public Time Deposits | SAN FRANCISCO CREDIT UNI | PPA30X603 | 9,500,000              | 1.58        | 1.58        | 100.00          | -                 | 9,500,000              |
| Purchase         | 3/5/2018  | 3/5/2019  | Negotiable CDs       | WESTPAC BANKING CORP NY  | 96121T7B8 | 50,000,000             | 2.02        | 2.02        | 100.00          | -                 | 50,000,000             |
| Purchase         | 3/6/2018  | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 25,000,000             | 1.42        | 1.42        | 100.00          | -                 | 25,000,000             |
| Purchase         | 3/8/2018  | 4/5/2018  | U.S. Treasuries      | TREASURY BILL            | 912796NY1 | 50,000,000             | 0.00        | 1.55        | 99.88           | -                 | 49,939,722             |
| Purchase         | 3/9/2018  | 3/12/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UD6 | 40,000,000             | 0.00        | 1.35        | 99.99           | -                 | 39,995,500             |
| Purchase         | 3/12/2018 | 3/13/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UE4 | 35,000,000             | 0.00        | 1.35        | 100.00          | -                 | 34,998,688             |
| Purchase         | 3/12/2018 | 10/5/2020 | Federal Agencies     | FEDERAL HOME LOAN BANK   | 3130ACK52 | 25,530,000             | 1.70        | 2.48        | 98.06           | 189,277           | 25,224,378             |
| Purchase         | 3/13/2018 | 3/14/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UF1 | 55,000,000             | 0.00        | 1.35        | 100.00          | -                 | 54,997,938             |
| Purchase         | 3/13/2018 | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 20,000,000             | 1.42        | 1.42        | 100.00          | -                 | 20,000,000             |
| Purchase         | 3/14/2018 | 9/14/2020 | Federal Agencies     | FEDERAL HOME LOAN BANK   | 3130ADT93 | 25,000,000             | 2.40        | 2.43        | 99.94           | -                 | 24,984,458             |
| Purchase         | 3/16/2018 | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 25,000,000             | 1.42        | 1.42        | 100.00          | -                 | 25,000,000             |
| Purchase         | 3/16/2018 | 9/12/2018 | Public Time Deposits | BANK OF SAN FRANCISCO    | PPF00EG70 | 5,000,000              | 1.91        | 1.91        | 100.00          | -                 | 5,000,000              |
| Purchase         | 3/21/2018 | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 45,000,000             | 1.42        | 1.42        | 100.00          | -                 | 45,000,000             |
| Purchase         | 3/22/2018 | 3/22/2019 | Federal Agencies     | FEDERAL FARM CREDIT BANK | 3133EJHG7 | 25,000,000             | 0.00        | 0.03        | 99.97           | -                 | 24,993,050             |
| Purchase         | 3/22/2018 | 3/22/2019 | Federal Agencies     | FEDERAL FARM CREDIT BANK | 3133EJHG7 | 25,000,000             | 2.13        | 2.16        | 99.97           | -                 | 24,993,050             |
| Purchase         | 3/23/2018 | 3/26/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UT1 | 55,000,000             | 0.00        | 1.55        | 99.99           | -                 | 54,992,896             |
| Purchase         | 3/26/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 30,000,000             | 0.00        | 1.60        | 100.00          | -                 | 29,998,667             |
| Purchase         | 3/26/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 50,000,000             | 0.00        | 1.60        | 100.00          | -                 | 49,997,778             |
| Purchase         | 3/26/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 50,000,000             | 0.00        | 1.60        | 100.00          | -                 | 49,997,778             |
| Purchase         | 3/26/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 50,000,000             | 0.00        | 1.60        | 100.00          | -                 | 49,997,778             |
| Purchase         | 3/26/2018 | 7/2/2018  | Commercial Paper     | BANK TOKYO-MIT UFJ NY    | 06538CG21 | 45,000,000             | 0.00        | 2.33        | 99.37           | -                 | 44,715,800             |
| Purchase         | 3/27/2018 | 3/28/2018 | Commercial Paper     | COLGATE-PALMOLIVE CO     | 19416FCU6 | 20,000,000             | 0.00        | 1.69        | 100.00          | -                 | 19,999,061             |
| Purchase         | 3/27/2018 | 3/28/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UV6 | 50,000,000             | 0.00        | 1.60        | 100.00          | -                 | 49,997,778             |
| Purchase         | 3/27/2018 | 3/28/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UV6 | 50,000,000             | 0.00        | 1.60        | 100.00          | -                 | 49,997,778             |
| Purchase         | 3/27/2018 | 3/29/2018 | Commercial Paper     | NATIXIS NY BRANCH        | 63873KCV7 | 50,000,000             | 0.00        | 1.67        | 99.99           | -                 | 49,995,361             |
| Purchase         | 3/27/2018 | 6/25/2018 | Public Time Deposits | BRIDGE BANK              | PPQD16IX7 | 10,000,000             | 1.73        | 1.73        | 100.00          | -                 | 10,000,000             |
| Purchase         | 3/27/2018 | 3/27/2020 | Federal Agencies     | FEDERAL FARM CREDIT BANK | 3133EJHL6 | 50,000,000             | 2.38        | 2.41        | 99.93           | -                 | 49,964,000             |
| Purchase         | 3/28/2018 | 3/29/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UW4 | 100,000,000            | 0.00        | 1.60        | 100.00          | -                 | 99,995,556             |
| Purchase         | 3/28/2018 | 3/29/2018 | U.S. Treasuries      | TREASURY BILL            | 912796LS6 | 50,000,000             | 0.00        | 1.63        | 100.00          | -                 | 49,997,732             |
| Purchase         | 3/28/2018 | 4/1/2018  | Money Market Funds   | BLACKROCK LIQ INST GOV F | 09248U718 | 50,000,000             | 1.55        | 1.55        | 100.00          | -                 | 50,000,000             |
| Purchase         | 3/28/2018 | 4/1/2018  | Money Market Funds   | MORGAN STANLEY INST GOVT | 61747C707 | 60,000,000             | 1.61        | 1.61        | 100.00          | -                 | 60,000,000             |
| Purchase         | 3/28/2018 | 4/9/2018  | Supranationals       | INTL BK RECON & DEVELOP  | 459053VH4 | 50,000,000             | 0.00        | 1.60        | 99.95           | -                 | 49,973,333             |
| Purchase         | 3/28/2018 | 7/23/2018 | Commercial Paper     | TOYOTA MOTOR CREDIT CORP | 89233HGP3 | 50,000,000             | 0.00        | 2.34        | 99.25           | -                 | 49,623,000             |
| Purchase         | 3/28/2018 | 4/1/2019  | Negotiable CDs       | ROYAL BANK OF CANADA NY  | 78012UCE3 | 50,000,000             | 2.36        | 2.36        | 100.00          | -                 | 50,000,000             |
| Purchase         | 3/29/2018 | 4/1/2018  | Money Market Funds   | MORGAN STANLEY INST GOVT | 61747C707 | 40,000,000             | 1.61        | 1.61        | 100.00          | -                 | 40,000,000             |
| Purchase         | 3/29/2018 | 4/2/2018  | Commercial Paper     | COLGATE-PALMOLIVE CO     | 19416FD27 | 18,000,000             | 0.00        | 1.69        | 99.98           | -                 | 17,996,620             |
| Purchase         | 3/29/2018 | 4/5/2018  | Commercial Paper     | COLGATE-PALMOLIVE CO     | 19416FD50 | 60,000,000             | 0.00        | 1.72        | 99.97           | -                 | 59,979,933             |
| Purchase         | 3/29/2018 | 7/9/2018  | Negotiable CDs       | BANK OF MONTREAL CHICAGO | 06371E2G1 | 25,000,000             | 2.25        | 2.25        | 100.00          | -                 | 25,000,000             |
| Purchase         | 3/29/2018 | 9/27/2018 | U.S. Treasuries      | TREASURY BILL            | 912796QA0 | 50,000,000             | 0.00        | 1.92        | 99.04           | -                 | 49,520,354             |
| Purchase         | 3/29/2018 | 9/27/2018 | U.S. Treasuries      | TREASURY BILL            | 912796QA0 | 50,000,000             | 0.00        | 1.90        | 99.05           | -                 | 49,523,261             |
| Purchase         | 3/29/2018 | 9/28/2018 | Negotiable CDs       | NORINCHUKIN BANK (NY)    | 65602UP85 | 50,000,000             | 2.28        | 2.28        | 100.00          | -                 | 50,000,000             |
| Purchase         | 3/29/2018 | 3/29/2021 | Federal Agencies     | FARMER MAC               | 3132X0Q53 | 6,350,000              | 2.60        | 2.64        | 99.89           | -                 | 6,343,079              |
| Purchase         | 3/29/2018 | 3/29/2021 | Federal Agencies     | FARMER MAC               | 3132X0Q53 | 20,450,000             | 2.60        | 2.64        | 99.89           | -                 | 20,427,710             |
| Purchase         | 3/31/2018 | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 356,389                | 1.42        | 1.42        | 100.00          | -                 | 356,389                |
| Purchase         | 3/31/2018 | 4/1/2018  | Money Market Funds   | MORGAN STANLEY INST GOVT | 61747C707 | 16,740                 | 1.61        | 1.61        | 100.00          | -                 | 16,740                 |
| <b>Subtotals</b> |           |           |                      |                          |           | <b>\$2,030,203,160</b> | <b>0.62</b> | <b>1.73</b> | <b>\$ 99.81</b> | <b>\$ 189,277</b> | <b>\$2,026,625,768</b> |

## Investment Transactions Pooled Fund

| Transaction      | Settle    | Maturity  | Type of Investment   | Issuer Name              | CUSIP     | Par Value              | Coupon      | YTM         | Price            | Interest          | Transaction            |
|------------------|-----------|-----------|----------------------|--------------------------|-----------|------------------------|-------------|-------------|------------------|-------------------|------------------------|
| Sale             | 3/1/2018  | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | \$ 100,000,000         | 1.28        | 1.28        | \$ 100.00        | \$ -              | \$ 100,000,000         |
| Sale             | 3/8/2018  | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 50,000,000             | 1.42        | 1.42        | 100.00           | -                 | 50,000,000             |
| Sale             | 3/19/2018 | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 20,000,000             | 1.42        | 1.42        | 100.00           | -                 | 20,000,000             |
| Sale             | 3/26/2018 | 4/1/2018  | Money Market Funds   | FIDELITY INST GOV FUND   | 31607A703 | 100,000,000            | 1.42        | 1.42        | 100.00           | -                 | 100,000,000            |
| Sale             | 3/28/2018 | 3/30/2018 | Commercial Paper     | TOYOTA MOTOR CREDIT CORP | 89233HCW2 | 50,000,000             | 0.00        | 1.53        | 99.99            | -                 | 49,995,806             |
| Sale             | 3/28/2018 | 4/5/2018  | Negotiable CDs       | ROYAL BANK OF CANADA NY  | 78009NW36 | 50,000,000             | 1.84        | 1.84        | 100.00           | 58,656            | 50,059,156             |
| <b>Subtotals</b> |           |           |                      |                          |           | <b>\$ 370,000,000</b>  | <b>1.25</b> | <b>1.45</b> | <b>\$ 100.00</b> | <b>\$ 58,656</b>  | <b>\$ 370,054,962</b>  |
| Maturity         | 3/1/2018  | 3/1/2018  | Federal Agencies     | FARMER MAC               | 3132X0JL6 | \$ 50,000,000          | 0.88        | 0.88        | 100.00           | \$ 218,750        | \$ 50,218,750          |
| Maturity         | 3/1/2018  | 3/1/2018  | Commercial Paper     | NATIXIS NY BRANCH        | 63873KC13 | 12,000,000             | 0.00        | 1.35        | 100.00           | -                 | 12,000,000             |
| Maturity         | 3/2/2018  | 3/2/2018  | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385TT3 | 20,000,000             | 0.00        | 1.32        | 100.00           | -                 | 20,000,000             |
| Maturity         | 3/2/2018  | 3/2/2018  | Commercial Paper     | TOYOTA MOTOR CREDIT CORP | 89233HC28 | 50,000,000             | 0.00        | 1.40        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/5/2018  | 3/5/2018  | Supranationals       | INTL BK RECON & DEVELOP  | 459053TW4 | 70,000,000             | 0.00        | 1.35        | 100.00           | -                 | 70,000,000             |
| Maturity         | 3/5/2018  | 3/5/2018  | Supranationals       | INTERNATIONAL FINANCE CO | 459515TW2 | 25,000,000             | 0.00        | 1.38        | 100.00           | -                 | 25,000,000             |
| Maturity         | 3/5/2018  | 3/5/2018  | Commercial Paper     | NATIXIS NY BRANCH        | 63873KC54 | 60,000,000             | 0.00        | 1.41        | 100.00           | -                 | 60,000,000             |
| Maturity         | 3/6/2018  | 3/6/2018  | Supranationals       | INTL FINANCE CORP        | 45950VKP0 | 50,000,000             | 1.63        | 1.63        | 100.00           | 63,500            | 50,063,500             |
| Maturity         | 3/7/2018  | 3/7/2018  | Federal Agencies     | FED FARM CRD DISCOUNT NT | 313313TY4 | 25,000,000             | 0.00        | 1.08        | 100.00           | -                 | 25,000,000             |
| Maturity         | 3/7/2018  | 3/7/2018  | Federal Agencies     | FED FARM CRD DISCOUNT NT | 313313TY4 | 25,000,000             | 0.00        | 1.08        | 100.00           | -                 | 25,000,000             |
| Maturity         | 3/9/2018  | 3/9/2018  | Supranationals       | INTL BK RECON & DEVELOPM | 459053UA0 | 50,000,000             | 0.00        | 1.40        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/12/2018 | 3/12/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UD6 | 40,000,000             | 0.00        | 1.35        | 100.00           | -                 | 40,000,000             |
| Maturity         | 3/13/2018 | 3/13/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UE4 | 35,000,000             | 0.00        | 1.35        | 100.00           | -                 | 35,000,000             |
| Maturity         | 3/14/2018 | 3/14/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UF1 | 55,000,000             | 0.00        | 1.35        | 100.00           | -                 | 55,000,000             |
| Maturity         | 3/19/2018 | 3/19/2018 | Commercial Paper     | BANK TOKYO-MIT UFJ NY    | 06538CCK5 | 70,000,000             | 0.00        | 1.58        | 100.00           | -                 | 70,000,000             |
| Maturity         | 3/21/2018 | 3/21/2018 | Commercial Paper     | NATIXIS NY BRANCH        | 63873KCM7 | 36,000,000             | 0.00        | 1.45        | 100.00           | -                 | 36,000,000             |
| Maturity         | 3/21/2018 | 3/21/2018 | Public Time Deposits | TRANS-PAC NATIONAL BK    | PP9F2HFF8 | 240,000                | 1.47        | 1.47        | 100.00           | 815               | 240,815                |
| Maturity         | 3/22/2018 | 3/22/2018 | Federal Agencies     | FEDERAL FARM CREDIT BANK | 3133EEN71 | 50,000,000             | 1.63        | 1.82        | 100.00           | 63,413            | 50,063,413             |
| Maturity         | 3/23/2018 | 3/23/2018 | Commercial Paper     | TOYOTA MOTOR CREDIT CORP | 89233HCP7 | 50,000,000             | 0.00        | 1.47        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/26/2018 | 3/26/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UT1 | 55,000,000             | 0.00        | 1.55        | 100.00           | -                 | 55,000,000             |
| Maturity         | 3/26/2018 | 3/26/2018 | Federal Agencies     | FEDERAL FARM CREDIT BANK | 3133EFWG8 | 25,000,000             | 1.78        | 1.92        | 100.00           | 34,625            | 25,034,625             |
| Maturity         | 3/27/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 30,000,000             | 0.00        | 1.60        | 100.00           | -                 | 30,000,000             |
| Maturity         | 3/27/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 50,000,000             | 0.00        | 1.60        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/27/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 50,000,000             | 0.00        | 1.60        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/27/2018 | 3/27/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UU8 | 50,000,000             | 0.00        | 1.60        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/28/2018 | 3/28/2018 | Commercial Paper     | COLGATE-PALMOLIVE CO     | 19416FCU6 | 20,000,000             | 0.00        | 1.69        | 100.00           | -                 | 20,000,000             |
| Maturity         | 3/28/2018 | 3/28/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UV6 | 50,000,000             | 0.00        | 1.60        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/28/2018 | 3/28/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UV6 | 50,000,000             | 0.00        | 1.60        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/29/2018 | 3/29/2018 | Federal Agencies     | FED HOME LN DISCOUNT NT  | 313385UW4 | 100,000,000            | 0.00        | 1.60        | 100.00           | -                 | 100,000,000            |
| Maturity         | 3/29/2018 | 3/29/2018 | Commercial Paper     | NATIXIS NY BRANCH        | 63873KCV7 | 50,000,000             | 0.00        | 1.67        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/29/2018 | 3/29/2018 | U.S. Treasuries      | TREASURY BILL            | 912796LS6 | 50,000,000             | 0.00        | 1.45        | 100.00           | -                 | 50,000,000             |
| Maturity         | 3/29/2018 | 3/29/2018 | U.S. Treasuries      | TREASURY BILL            | 912796LS6 | 50,000,000             | 0.00        | 1.63        | 100.00           | -                 | 50,000,000             |
| <b>Subtotals</b> |           |           |                      |                          |           | <b>\$1,403,240,000</b> | <b>0.18</b> | <b>1.49</b> | <b>\$ -</b>      | <b>\$ 381,103</b> | <b>\$1,403,621,103</b> |

# Investment Transactions

## Pooled Fund

| Transaction | Settle    | Maturity   | Type of Investment | Issuer Name              | CUSIP     | Par Value   | Coupon | YTM  | Price | Interest | Transaction |
|-------------|-----------|------------|--------------------|--------------------------|-----------|-------------|--------|------|-------|----------|-------------|
| Interest    | 3/1/2018  | 4/1/2018   | Money Market Funds | BLACKROCK LIQ INST GOV F | 09248U718 | \$ 31,507   | 1.25   | 1.25 | 0.00  | 0.00     | \$ 30       |
| Interest    | 3/1/2018  | 10/1/2018  | Negotiable CDs     | BANK OF MONTREAL CHICAGO | 06371EQJ9 | 50,000,000  | 1.80   | 1.79 | 0.00  | 0.00     | 69,794      |
| Interest    | 3/1/2018  | 9/1/2022   | Federal Agencies   | FEDERAL HOME LOAN BANK   | 3130AC7E8 | 50,000,000  | 2.17   | 2.17 | 0.00  | 0.00     | 542,500     |
| Interest    | 3/2/2018  | 7/2/2018   | Negotiable CDs     | BANK OF MONTREAL CHICAGO | 06371EDT1 | 50,000,000  | 1.78   | 1.78 | 0.00  | 0.00     | 69,211      |
| Interest    | 3/2/2018  | 7/2/2018   | Negotiable CDs     | BANK OF MONTREAL CHICAGO | 06371EQ77 | 50,000,000  | 1.77   | 1.77 | 0.00  | 0.00     | 68,822      |
| Interest    | 3/2/2018  | 7/2/2018   | Negotiable CDs     | WESTPAC BANKING CORP NY  | 96121T3R7 | 50,000,000  | 1.73   | 1.73 | 0.00  | 0.00     | 67,266      |
| Interest    | 3/2/2018  | 1/2/2019   | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGDM4 | 25,000,000  | 1.74   | 1.74 | 0.00  | 0.00     | 33,828      |
| Interest    | 3/2/2018  | 12/2/2019  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGN43 | 50,000,000  | 1.74   | 1.74 | 0.00  | 0.00     | 67,655      |
| Interest    | 3/2/2018  | 11/2/2020  | Federal Agencies   | FARMER MAC               | 3132X0KR1 | 25,000,000  | 1.78   | 1.78 | 0.00  | 0.00     | 34,605      |
| Interest    | 3/3/2018  | 1/3/2019   | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EG2V6 | 25,000,000  | 1.63   | 1.63 | 0.00  | 0.00     | 31,684      |
| Interest    | 3/3/2018  | 1/3/2020   | Federal Agencies   | FARMER MAC               | 3132X0PG0 | 50,000,000  | 1.65   | 1.65 | 0.00  | 0.00     | 64,146      |
| Interest    | 3/4/2018  | 9/4/2020   | Supranationals     | INTL BK RECON & DEVELOPM | 459058GA5 | 50,000,000  | 1.62   | 1.63 | 0.00  | 0.00     | 417,500     |
| Interest    | 3/5/2018  | 4/5/2018   | Negotiable CDs     | ROYAL BANK OF CANADA NY  | 78009NW36 | 50,000,000  | 1.73   | 1.73 | 0.00  | 0.00     | 67,257      |
| Interest    | 3/6/2018  | 12/6/2018  | Negotiable CDs     | TORONTO DOMINION BANK NY | 89113XQJ6 | 25,000,000  | 1.81   | 1.81 | 0.00  | 0.00     | 35,186      |
| Interest    | 3/6/2018  | 12/6/2018  | Negotiable CDs     | TORONTO DOMINION BANK NY | 89113XQJ6 | 50,000,000  | 1.81   | 1.81 | 0.00  | 0.00     | 70,372      |
| Interest    | 3/7/2018  | 12/7/2018  | Negotiable CDs     | BANK OF NOVA SCOTIA HOUS | 06417GC48 | 50,000,000  | 1.81   | 1.81 | 0.00  | 0.00     | 70,392      |
| Interest    | 3/7/2018  | 12/7/2018  | Negotiable CDs     | ROYAL BANK OF CANADA NY  | 78009N5B8 | 50,000,000  | 1.81   | 1.81 | 0.00  | 0.00     | 70,392      |
| Interest    | 3/7/2018  | 12/7/2018  | Negotiable CDs     | WESTPAC BANKING CORP NY  | 96121T5B0 | 50,000,000  | 1.78   | 1.78 | 0.00  | 0.00     | 69,225      |
| Interest    | 3/8/2018  | 6/8/2018   | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EFT2  | 25,000,000  | 1.63   | 1.63 | 0.00  | 0.00     | 31,777      |
| Interest    | 3/8/2018  | 6/8/2018   | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EFT2  | 50,000,000  | 1.63   | 1.63 | 0.00  | 0.00     | 63,555      |
| Interest    | 3/8/2018  | 3/8/2019   | Negotiable CDs     | BANK OF MONTREAL CHICAGO | 06427KSW8 | 27,838,000  | 1.80   | 1.80 | 0.00  | 0.00     | 125,454     |
| Interest    | 3/8/2018  | 12/8/2021  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGS97 | 25,000,000  | 1.85   | 1.85 | 0.00  | 0.00     | 35,958      |
| Interest    | 3/8/2018  | 12/8/2021  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGS97 | 25,000,000  | 1.85   | 1.85 | 0.00  | 0.00     | 35,958      |
| Interest    | 3/9/2018  | 11/9/2018  | Negotiable CDs     | BANK OF NOVA SCOTIA HOUS | 06417GZT8 | 50,000,000  | 1.78   | 1.78 | 0.00  | 0.00     | 69,196      |
| Interest    | 3/9/2018  | 11/9/2018  | Negotiable CDs     | TORONTO DOMINION BANK NY | 89113XLP7 | 50,000,000  | 1.77   | 1.77 | 0.00  | 0.00     | 68,807      |
| Interest    | 3/9/2018  | 8/9/2019   | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGED3 | 25,000,000  | 1.76   | 1.76 | 0.00  | 0.00     | 34,306      |
| Interest    | 3/9/2018  | 8/9/2019   | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGED3 | 25,000,000  | 1.76   | 1.76 | 0.00  | 0.00     | 34,306      |
| Interest    | 3/11/2018 | 6/11/2018  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EEW48 | 50,000,000  | 1.63   | 1.65 | 0.00  | 0.00     | 63,224      |
| Interest    | 3/12/2018 | 6/12/2018  | Negotiable CDs     | ROYAL BANK OF CANADA NY  | 78009NU46 | 50,000,000  | 1.68   | 1.68 | 0.00  | 0.00     | 209,848     |
| Interest    | 3/13/2018 | 3/13/2020  | Federal Agencies   | FEDERAL HOME LOAN BANK   | 313378J77 | 15,710,000  | 1.88   | 1.56 | 0.00  | 0.00     | 147,281     |
| Interest    | 3/13/2018 | 9/13/2021  | Federal Agencies   | FEDERAL HOME LOAN BANK   | 3130ACF33 | 25,000,000  | 1.88   | 1.95 | 0.00  | 0.00     | 234,375     |
| Interest    | 3/14/2018 | 9/14/2018  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGFQ3 | 25,000,000  | 0.88   | 0.91 | 0.00  | 0.00     | 109,375     |
| Interest    | 3/15/2018 | 10/15/2018 | Negotiable CDs     | WESTPAC BANKING CORP NY  | 96121T4S4 | 50,000,000  | 1.78   | 1.78 | 0.00  | 0.00     | 69,125      |
| Interest    | 3/15/2018 | 6/15/2022  | Federal Agencies   | FREDDIE MAC              | 3134GBF72 | 50,000,000  | 2.01   | 2.01 | 0.00  | 0.00     | 502,500     |
| Interest    | 3/16/2018 | 4/16/2018  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EEZC7 | 50,000,000  | 1.64   | 1.73 | 0.00  | 0.00     | 63,705      |
| Interest    | 3/17/2018 | 10/17/2018 | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGFK6 | 25,000,000  | 1.72   | 1.72 | 0.00  | 0.00     | 33,444      |
| Interest    | 3/17/2018 | 10/17/2018 | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGFK6 | 25,000,000  | 1.72   | 1.72 | 0.00  | 0.00     | 33,444      |
| Interest    | 3/19/2018 | 7/19/2018  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGBQ7 | 25,000,000  | 1.72   | 1.72 | 0.00  | 0.00     | 33,444      |
| Interest    | 3/19/2018 | 7/19/2018  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGBQ7 | 25,000,000  | 1.72   | 1.72 | 0.00  | 0.00     | 33,444      |
| Interest    | 3/19/2018 | 12/19/2018 | Negotiable CDs     | ROYAL BANK OF CANADA NY  | 78009N5M4 | 50,000,000  | 1.83   | 1.83 | 0.00  | 0.00     | 68,766      |
| Interest    | 3/19/2018 | 3/19/2019  | Federal Agencies   | FARMER MAC               | 3132X0ED9 | 40,000,000  | 1.68   | 1.68 | 0.00  | 0.00     | 168,331     |
| Interest    | 3/20/2018 | 6/20/2018  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGGC3 | 25,000,000  | 1.71   | 1.71 | 0.00  | 0.00     | 33,323      |
| Interest    | 3/20/2018 | 8/20/2019  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGX67 | 50,000,000  | 1.71   | 1.71 | 0.00  | 0.00     | 66,646      |
| Interest    | 3/20/2018 | 3/20/2020  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EHZN6 | 20,000,000  | 1.45   | 1.49 | 0.00  | 0.00     | 145,000     |
| Interest    | 3/21/2018 | 12/21/2018 | Negotiable CDs     | WESTPAC BANKING CORP NY  | 96121T5K0 | 50,000,000  | 1.83   | 1.83 | 0.00  | 0.00     | 70,997      |
| Interest    | 3/21/2018 | 12/21/2020 | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGX75 | 50,000,000  | 1.79   | 1.79 | 0.00  | 0.00     | 69,441      |
| Interest    | 3/22/2018 | 3/22/2021  | Federal Agencies   | FEDERAL HOME LOAN BANK   | 3130AAYP7 | 8,585,000   | 2.20   | 2.17 | 0.00  | 0.00     | 94,435      |
| Interest    | 3/23/2018 | 1/23/2019  | Negotiable CDs     | BANK OF MONTREAL CHICAGO | 06371EL21 | 25,000,000  | 1.85   | 1.85 | 0.00  | 0.00     | 36,021      |
| Interest    | 3/23/2018 | 9/23/2019  | Federal Agencies   | FREDDIE MAC              | 3134GAHR8 | 25,000,000  | 1.38   | 1.38 | 0.00  | 0.00     | 85,938      |
| Interest    | 3/24/2018 | 12/24/2020 | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EFTX5 | 100,000,000 | 1.95   | 1.95 | 0.00  | 0.00     | 151,721     |
| Interest    | 3/25/2018 | 2/25/2019  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EGBU8 | 50,000,000  | 1.80   | 1.80 | 0.00  | 0.00     | 69,833      |
| Interest    | 3/25/2018 | 1/25/2021  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EG4T9 | 20,000,000  | 1.78   | 1.78 | 0.00  | 0.00     | 27,700      |
| Interest    | 3/25/2018 | 1/25/2021  | Federal Agencies   | FEDERAL FARM CREDIT BANK | 3133EG4T9 | 20,000,000  | 1.78   | 1.78 | 0.00  | 0.00     | 27,700      |
| Interest    | 3/26/2018 | 7/24/2018  | Negotiable CDs     | ROYAL BANK OF CANADA NY  | 78009NX50 | 50,000,000  | 1.82   | 1.82 | 0.00  | 0.00     | 70,805      |
| Interest    | 3/26/2018 | 7/26/2018  | Negotiable CDs     | WESTPAC BANKING CORP NY  | 96121T3W6 | 50,000,000  | 1.77   | 1.77 | 0.00  | 0.00     | 68,861      |
| Interest    | 3/26/2018 | 10/25/2018 | Negotiable CDs     | BANK OF MONTREAL CHICAGO | 06371ERP4 | 45,000,000  | 1.83   | 1.83 | 0.00  | 0.00     | 64,075      |

## Investment Transactions Pooled Fund

| Transaction      | Settle    | Maturity   | Type of Investment | Issuer Name              | CUSIP     | Par Value              | Coupon      | YTM         | Price       | Interest    | Transaction      |
|------------------|-----------|------------|--------------------|--------------------------|-----------|------------------------|-------------|-------------|-------------|-------------|------------------|
| Interest         | 3/26/2018 | 10/25/2018 | Negotiable CDs     | BANK OF NOVA SCOTIA HOUS | 06417GZR2 | 50,000,000             | 1.82        | 1.82        | 0.00        | 0.00        | 70,805           |
| Interest         | 3/26/2018 | 10/25/2018 | Negotiable CDs     | TORONTO DOMINION BANK NY | 89113XJJ4 | 50,000,000             | 1.82        | 1.82        | 0.00        | 0.00        | 70,805           |
| Interest         | 3/27/2018 | 11/27/2018 | Negotiable CDs     | ROYAL BANK OF CANADA NY  | 78012UAW5 | 25,000,000             | 1.93        | 1.93        | 0.00        | 0.00        | 37,551           |
| Interest         | 3/27/2018 | 9/27/2019  | Federal Agencies   | FANNIE MAE               | 3135G0Q30 | 50,000,000             | 1.18        | 1.18        | 0.00        | 0.00        | 295,000          |
| Interest         | 3/28/2018 | 9/28/2018  | Federal Agencies   | FEDERAL HOME LOAN BANK   | 3130A9C90 | 25,000,000             | 1.05        | 1.05        | 0.00        | 0.00        | 131,250          |
| Interest         | 3/28/2018 | 12/28/2018 | Negotiable CDs     | WESTPAC BANKING CORP NY  | 96121T5M6 | 50,000,000             | 1.88        | 1.88        | 0.00        | 0.00        | 73,033           |
| Interest         | 3/28/2018 | 9/28/2020  | Federal Agencies   | FEDERAL HOME LOAN BANK   | 3130ACE26 | 18,000,000             | 1.38        | 1.48        | 0.00        | 0.00        | 123,750          |
| Interest         | 3/28/2018 | 9/28/2020  | Federal Agencies   | FEDERAL HOME LOAN BANK   | 3130ACE26 | 30,000,000             | 1.38        | 1.48        | 0.00        | 0.00        | 206,250          |
| Interest         | 3/30/2018 | 9/30/2019  | Supranationals     | INTL BANK RECON & DEVELO | 459058FQ1 | 50,000,000             | 1.20        | 1.75        | 0.00        | 0.00        | 300,000          |
| Interest         | 3/31/2018 | 4/1/2018   | Money Market Funds | FIDELITY INST GOV FUND   | 31607A703 | 245,810,159            | 1.42        | 1.42        | 0.00        | 0.00        | 356,389          |
| Interest         | 3/31/2018 | 4/1/2018   | Money Market Funds | MORGAN STANLEY INST GOVT | 61747C707 | 100,671,769            | 1.61        | 1.61        | 0.00        | 0.00        | 16,740           |
| <b>Subtotals</b> |           |            |                    |                          |           | <b>\$2,841,646,435</b> | <b>1.70</b> | <b>1.71</b> | <b>\$ -</b> | <b>\$ -</b> | <b>6,883,555</b> |

| Grand Totals |                                  |
|--------------|----------------------------------|
|              | 52 Purchases                     |
|              | (6) Sales                        |
|              | (32) Maturities / Calls          |
|              | 14 Change in number of positions |



# SAN FRANCISCO PLANNING DEPARTMENT

RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO

**MEMO**

2018 APR -9 PM 3:31

DATE: April 5, 2018

TO: Angela Calvillo, Clerk of the Board

FROM: Jessica Range, Planning Department  
Elizabeth White, Planning Department

RE: Environmental Impact Report for Case No. 2011.1356E-  
Central SoMa Plan

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
**415.558.6378**

Fax:  
**415.558.6409**

Planning  
Information:  
**415.558.6377**

In compliance with San Francisco Administrative Code Section 8.12.5, "Electronic Distribution of Multi-Page Documents," the Planning Department has submitted the errata detailing the proposed revisions to the Central SoMa EIR following the publication of the Responses to Comments document on March 28, 2018 in digital form. The errata also includes a memorandum that will be included in the EIR as a new Appendix G. The memorandum evaluates the environmental effects of Plan changes proposed by legislative sponsors between February 18, 2018 and April 5, 2018, as presented in the Planning Commission packet for consideration on April 12, 2018.

The Responses to Comments document, along with the Draft EIR and errata, will be before the Planning Commission for Final EIR certification on April 12, 2018. Please note that the public review period ended on February 13, 2017.

If you or the supervisors have any questions related to this project's environmental evaluation, please contact Elizabeth White at (415) 575-6813 or at Elizabeth.White@sfgov.org. Thank you.

cc: Aaron Starr







# SAN FRANCISCO PLANNING DEPARTMENT

MEMO

**DATE:** April 5, 2018  
**TO:** Planning Commission  
**FROM:** Elizabeth White and Jessica Range, Environmental Planning  
**RE:** Errata to the Environmental Impact Report for the  
Central South of Market (SoMa) Area Plan  
Planning Department Case No. 2011.1356E

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
**415.558.6378**

Fax:  
**415.558.6409**

Planning  
Information:  
**415.558.6377**

Following publication of the Responses to Comments document (RTC) for the Central South of Market Area (SoMa) Plan Draft Environmental Impact Report (Draft EIR), the Planning Department determined it was necessary to: (1) further clarify Mitigation Measure M-CP-1a in the Draft EIR, (2) correct an error in the Draft EIR, and (3) provide an analysis of whether the EIR evaluates the environmental effects of additional Plan changes proposed by legislative sponsors between February 15, 2018 and April 5, 2018, as presented in the Planning Commission packet for consideration on April 12, 2018. This errata addresses each of these three items.

The Environmental Planning Division of the Planning Department has determined that these clarifications, corrections, and analysis of Plan changes do not change any of the conclusions in the EIR and do not constitute significant new information that requires recirculation of the EIR under the California Environmental Quality Act (CEQA) (California Public Resources Code Section 21092.1) and the CEQA Guidelines (14 California Code of Regulations Section 15088.5).

These additional staff-initiated text changes will be incorporated into the Final EIR. New revisions are noted in **red**, with deletions marked with **strikethrough** and additions noted with **double underline**.

## 1. Clarification of Mitigation Measure M-CP-1a:

The following revisions are made to Table S-1, Summary of Impacts of the Plan-Identified in the EIR [Revisions Only], on RTC page 402.

TABLE S-1 SUMMARY OF IMPACTS OF THE PLAN — IDENTIFIED IN THE EIR [REVISIONS ONLY]

| Impact   | Level of Significance Before Mitigation | Mitigation and Improvement Measures  | Level of Significance After Mitigation |
|--|---|--|--|
| C. Cultural and Paleontological Resources  |   |  |  |
| <p><b>Impact CP-1:</b> Development under the Plan would result in the demolition or substantial alteration of individually identified historic architectural resources and/or contributors to a historic district or conservation district located in the Plan Area, including as-yet unidentified resources, a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5.</p> | S                                       | <p>* <b>Mitigation Measure M-CP-1a: Mandatory Consultation Regarding Avoidance or Minimization of Effects on Identified Historical Resources.</b> The project sponsor of a subsequent development project in the Plan Area shall consult with the Planning Department's Preservation staff <u>at the time of submittal of an environmental evaluation application</u> to determine whether there are feasible means to <del>re-design or otherwise revise the project to avoid a substantial significant adverse change in the significance of an effects on</del> historic architectural resource(s) (including historic districts), whether previously identified or identified as part of the project's historical resources analysis. <u>Pursuant to CEQA Guidelines Section 15064.5(b), "[s]ubstantial adverse change in the significance of a historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired."</u> If avoidance is not feasible, the project sponsor shall <u>consult with Planning Department staff to determine whether there are feasible means to seek feasible</u> means to reduce effects on historic architectural resource(s) <del>to the maximum extent feasible, a less than significant level, Avoidance and minimization measures shall seek to retain the resource's character-defining features, and may include, but are not limited to: retention of character-defining features, building setbacks, salvage, or adaptive reuse. In evaluating the feasibility of avoidance or reduction of effects, the Planning Department shall consider whether avoidance or reduction can be accomplished successfully within a reasonable period of time, taking into account economic, environmental, legal, social and technological factors, along with the Central SoMa Plan policies and project objectives. The applicability of each factor would vary from project to project, and would be determined by staff on a case-by-case basis, with the significance of the impact to be judged based on whether the proposed project would materially impair the resource as defined in CEQA Guidelines Section 15064.5(b).</del></p> <p><u>Should Planning Department staff determine through the consultation process that avoidance or reduction of effects on historic architectural resources is Mitigation Measure M-CP-1a be determined to be infeasible, Measures M-CP-1b, M-CP-1c, M-CP-1d, and/or M-CP-1e, shall be applicable based on the specific circumstances of the project in question. CEQA Guidelines Section 15364 defines "feasible" as "capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, legal, social, and technological factors." The applicability of each factor would vary from project to project, and would be determined by staff on a case by case basis.</u></p> | SUM                                    |

The following revisions are made to RTC page 455:

On Draft EIR p. IV.C-58, Mitigation Measure M-CP-1a has been revised as follows to clarify guidance with regard to avoiding or minimizing effects on historical impacts:

Mitigation Measure M-CP-1a: **Mandatory Consultation Regarding Avoidance or Minimization of Effects on Identified Historical Resources.** The project sponsor of a subsequent development project in the Plan Area shall consult with the Planning Department's Preservation staff at the time of submittal of an environmental evaluation application to determine whether there are feasible means to redesign or otherwise revise the project to avoid a substantial significant adverse change in the significance of an effects on historic architectural resource(s) (including historic districts), whether previously identified or identified as part of the project's historical resources analysis. Pursuant to CEQA Guidelines Section 15064.5(b), "[s]ubstantial adverse change in the significance of a historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired." If avoidance is not feasible, the project sponsor shall consult with Planning Department staff to determine whether there are feasible means to seek feasible means to reduce effects on historic architectural resource(s) to the maximum extent feasible, a less than significant level. Avoidance and minimization measures shall seek to retain the resource's character-defining features, and may include, but are not limited to: retention of character-defining features, building setbacks, salvage, or adaptive reuse. In evaluating the feasibility of avoidance or reduction of effects, the Planning Department shall consider whether avoidance or reduction can be accomplished successfully within a reasonable period of time, taking into account economic, environmental, legal, social and technological factors, along with the Central SoMa Plan policies and project objectives. The applicability of each factor would vary from project to project, and would be determined by staff on a case-by-case basis. ~~with the significance of the impact to be judged based on whether the proposed project would materially impair the resource as defined in CEQA Guidelines Section 15064.5(b).~~

Should Planning Department staff determine through the consultation process that avoidance or reduction of effects on historic architectural resources is Mitigation Measure M-CP-1a be determined to be infeasible, Measures M-CP-1b, M-CP-1c, M-CP-1d, and/or M-CP-1e, shall be applicable, based on the specific circumstances of the project in question. CEQA Guidelines Section 15364 defines "feasible" as "capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, legal, social, and technological factors." The applicability of each factor would vary from project to project, and would be determined by staff on a case-by-case basis.

## 2. Corrections to the Draft EIR

The following revisions are made to the last two sentences on Draft EIR page VI-4:

Development under the The No Project Alternative assumes that growth in the Plan Area and the city would occur with or without implementation of the Plan, but that absent implementation of the Plan, a smaller percentage of citywide growth would occur in the Plan Area. The No Project Alternative ~~Plan~~ would result in additional traffic that would increase traffic noise levels throughout the Plan Area vicinity. As shown in Table IV.E-9, Cumulative Plus Plan Traffic Noise Analysis, under 2040 cumulative no project conditions traffic noise levels would increase by 3 dBA or more along Fourth Street between Brannan and Townsend

Streets, which would be a significant and unavoidable impact and would conflict with *General Plan* policy regarding traffic noise (Impact LU-2).

### 3. Analysis of Plan Changes that Occurred After February 15, 2018

The attached memorandum evaluates the environmental effects of Plan changes proposed by legislative sponsors between February 18, 2018 and April 5, 2018, as presented in the Planning Commission packet for consideration on April 12, 2018. This analysis finds that the EIR adequately addresses the Central SoMa Plan, with these proposed modifications. This document is being included in the EIR as a new Appendix G. Therefore, the following revision is made to the Draft EIR's Table of Contents' list of appendices on Draft EIR page vi:

Appendix G Analysis of Environmental Effects of Plan Changes for the Central South of Market Area (SoMa) Plan

Enclosures:

Appendix G Analysis of Environmental Effects of Plan Changes Presented April 5, 2018 for the Central South of Market Area (SoMa) Plan



# SAN FRANCISCO PLANNING DEPARTMENT

MEMO

**DATE:** April 5, 2018

**TO:** Planning Commission

**FROM:** Elizabeth White and Jessica Range, Environmental Planning  
Steve Wertheim, Citywide Planning

**RE:** Analysis of Environmental Effects of Plan Changes  
Presented April 5, 2018 for the Central South of Market  
Area (SoMa) Plan  
Planning Department Case No. 2011.1356E

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
**415.558.6378**

Fax:  
**415.558.6409**

Planning  
Information:  
**415.558.6377**

Following publication of the Responses to Comments document (RTC) for the Central South of Market Area (SoMa) Plan Draft Environmental Impact Report (Draft EIR), the legislative sponsors and the Planning Department propose to modify various aspects of the Plan based upon feedback from the community and decision-makers. The Environmental Planning division has reviewed these changes, which are detailed in the Planning Commission packet for April 5, 2018 and determined that the environmental analysis conducted for the EIR adequately analyzes the Central SoMa Plan, with these modifications.

This memoranda explains how proposed strategies designed to maximize the number of housing units anticipated under the Plan would not result in increased physical environmental effects beyond that already studied in the EIR, and therefore would not change any of the conclusions in the EIR and do not constitute significant new information that requires recirculation of the EIR under the California Environmental Quality Act (CEQA) (California Public Resources Code Section 21092.1) and the CEQA Guidelines (14 California Code of Regulations Section 15088.5).

### **Proposal to Maximize Housing under the Central SoMa Plan**

The Planning Department has developed a two-pronged proposal to maximize the number of housing units anticipated under the Plan. These proposals include a modification to the Planning Code and Zoning Map as discussed below.

#### Planning Code Amendments

The Planning Department proposes to modify Planning Code Section 249.78(c)(6)(A) to increase the size of sites previously designated to be commercially-oriented from 30,000 square feet to 40,000 square feet.

This change to the Planning Code would require two sites in the Plan Area previously anticipated to be commercial to become residential, which would result in a net increase of 640 units above that anticipated by the Plan and a net decrease of approximately 2,050 jobs.<sup>1</sup> This change would also result in a commensurate reduction in the total number of projected jobs, discussed further below.

### Zoning Map Amendments

The Planning Department proposes to change the zoning map from the currently proposed West SoMa Mixed Use Office (WMUO)<sup>2</sup> to Central SoMa Mixed Use Office (CMUO) on the following parcels: Block 3777, Lots 047-049 and Block 3778, Lots 001, 001C, 001D, 001E, 001F, 016-019, 022-023, 025-026, 032, 046A, 046B, 046C, 046D, 046E, 046F, 046G, 046H, and 051-087. The existing zoning on these parcels is West SoMa Service, Arts, Light Industrial (WS-SALI). Both WS-SALI and WMUO generally do not allow residential uses. The proposed change to CMUO would allow residential uses on these sites, thus shifting the Plan's projected amount of jobs and housing units. The EIR assumed soft sites on these parcels would result in new office jobs. If the soft sites were developed as residential uses, this zoning change could generate about 600 additional housing units, with a commensurate reduction in the projected number of 2,700 jobs.<sup>3</sup>

### **Effect of Changes on Housing Units and Jobs Projected Under the Central SoMa Plan**

The above proposed modifications to the Central SoMa Plan would result in a shift from projected office uses to residential uses. Altogether, these Planning Code and Zoning Map amendments would result in a net increase of 1,240 residential units and a commensurate reduction of 4,750 jobs.

---

<sup>1</sup> Calculation based on the Planning Department's *Buildout Analysis for Central SoMa*, January 25, 2018. This document and all other documents referenced in this memoranda are on file and available for public review as part of Case File No. 2011.1356E at the Planning Department, 1650 Mission Street, Suite 400, San Francisco, CA, 94103. This document includes a parcel-level analysis of development potential in the Plan Area that was utilized for the EIR and conveys that the two sites affected by this proposed change (490 Brannan Street and 330 Townsend Street) had a development potential under the previously proposed requirements of approximately 184,000 gross square feet of residential development, resulting in approximately 150 units and approximately 450,000 of non-residential uses, resulting in space for approximately 2,050 jobs, based on the EIR's assumption of 1,200 gross square feet per unit and 219 gross square feet per new job (including 200 square feet per office worker and higher for other types of jobs)(calculations of density contained in the Planning Department's *Central SoMa EIR Inputs by TAZ*, November 13, 2017). Subsequent analysis determined that, based on the revised proposal, these two sites could contain approximately 972,000 square feet of residential development if these sites are developed as fully residential, resulting in approximately 790 units.

<sup>2</sup> Note that the Plan uses the term "WMUO" and the EIR uses the term "WS-MUO." Both refer to the WSoMa Mixed-Use Office District contained in Section 845 of the Planning Code.

<sup>3</sup> Calculation based on the Planning Department's *Buildout Analysis for Central SoMa*, (January 25, 2018), which includes a parcel-level analysis of development potential in the Plan Area. This document conveys that the 62 lots affected by this proposed change had a development potential under the previously proposed requirements of approximately 800,000 square feet of non-residential space, resulting in space for approximately 3,650 jobs)(calculations of density contained in the Planning Department's *Central SoMa EIR Inputs by TAZ*, November 13, 2017). Subsequent analysis determined that, based on the revised proposal, these lots could contain approximately 720,000 square feet of residential development and 200,000 square feet of non-residential development, presuming these small sites are predominantly residential but include some small office and other non-residential uses. Such development would result in space for approximately 600 new units and 950 jobs.

### Central SoMa Plan EIR Analysis

As explained in the EIR, the analysis of physical impacts related to the proposed Planning Code and Zoning Map amendments are based, in part, on growth projections developed by the Planning Department. These growth projections inform the quantitative analysis of effects of the Plan on the physical environment.

As shown in **Table IV-1, Summary of Growth Projections** on Draft EIR page IV-6, the EIR analyzes an increase of approximately 14,500 residential units within the EIR study area, of which 8,320 units are anticipated to occur within the Plan Area. The Plan, on the other hand, projects a total of 7,060 residential units.<sup>4</sup> With the additional 1,240 residential units projected under the Plan, the total projected number of residential units would be 8,300 units, which is below the 8,320 units analyzed in the EIR. Additionally, there would be a commensurate reduction in the number of jobs projected in the Plan area of about 4,750 jobs. As shown in **Table IV-1, Summary of Growth Projections** on Draft EIR page IV-6, the EIR analyzes an increase of approximately 63,600 jobs within the EIR study area, of which 44,000 are anticipated to occur within the Plan Area.<sup>5</sup> The Plan, on the other hand, projects a total of 39,000 jobs.<sup>6</sup> As a result of this change, the number of new jobs anticipated under the Plan would be reduced to approximately 34,250 jobs.

### Conclusion

The Central SoMa Plan EIR conservatively analyzed higher growth projections than could occur from the proposed Plan's Planning Code and Zoning Map amendments. The modification to the Central SoMa plan would result in a shift in anticipated jobs and housing, but would not exceed the total number of residential units analyzed in the EIR. Thus, these changes to the Plan would not result in increased physical environmental effects beyond that already studied in the EIR, and therefore would not change any of the conclusions in the EIR and do not constitute significant new information that requires recirculation of the EIR under CEQA and the CEQA Guidelines. Other changes to the Plan are proposed and detailed in the Planning Commission packet for April 5, 2018 and those changes have also been evaluated and determined to not result in physical environmental effects beyond that already analyzed in the EIR.

---

<sup>4</sup> Steve Wertheim, *Memorandum Regarding Central SoMa Plan-Clarification of Housing Numbers*. December 7, 2017.

<sup>5</sup> Calculation based on the Planning Department's *Central SoMa EIR Inputs by TAZ* (November 13, 2017).

<sup>6</sup> Calculation based on the Planning Department's *Buildout Analysis for Central SoMa*, (January 25, 2018), which includes a parcel-level analysis of development potential in the Plan Area.





BS-4

April 10, 2018

TO: STATE, CITY AND LOCAL OFFICIALS

**NOTICE OF PACIFIC GAS AND ELECTRIC COMPANY'S REQUEST TO INCREASE RATES FOR THE CATASTROPHIC EVENT MEMORANDUM ACCOUNT (CEMA) (A.18-03-015)**

**Summary**

On March 30, 2018, Pacific Gas and Electric Company (PG&E) filed an application with the California Public Utilities Commission (CPUC) for approval to increase rates related to the Catastrophic Event Memorandum Account (CEMA).

The application seeks recovery of \$588 million for the following recorded costs related to PG&E's 2016 and 2017 emergency work:

- Fire and storm emergency response
- Drought-related work such as pruning and removing hazardous trees and vegetation

The application also includes \$555 million for forecasted costs related to the drought-related work referenced above in 2018 and 2019, for a total of \$1.1 billion included in the application. No costs associated with the October 2017 Northern California wildfires or the 2015 Butte Fire are included in this application.

If the CPUC approves this application, PG&E will begin to recover costs in electric rates beginning January 1, 2019. PG&E is proposing the recovery of costs and any rate increase be extended over a two-year period to reduce the impact on customer bills.

**Background**

CEMA is used to record unexpected costs incurred as a result of significant events declared to be disasters by the state of California or federal authorities. Costs are related to the following:

- safely restoring utility services to customers during declared natural disasters
- repairing, replacing or restoring damaged utility facilities
- complying with governmental agency orders

CEMA is directly associated with restoring and repairing damage to critical energy infrastructure as well as PG&E facilities that help deliver energy. In addition, PG&E has been directed by the CPUC to perform additional work related to reducing fire risk.

Previously, PG&E has recovered CEMA-related costs after they were incurred. Due to the increasing fire risk mitigation work required by the CPUC, PG&E is requesting to recover future costs in advance. These costs will include proposals to address severe tree mortality and management of hazardous trees.

**How will PG&E's Application affect me?**

Many customers receive bundled electric service from PG&E, meaning they receive electric generation, transmission and distribution services. A summary of the rate impact by customer class was provided in the original bill insert sent to customers in April and May.

Based on rates currently in effect, the bill for a typical residential Bundled Non-CARE customer using 500 kWh per month would increase from \$111.59 to \$116.89, or 4.7 percent. Actual impacts will vary depending on energy usage. PG&E customer service is available to help customers with energy saving tips and tools which can help minimize the impact of any bill increase.

**How will PG&E's Application affect customers who buy electricity from a third party?**

Direct Access (DA) and Community Choice Aggregation (CCA) customers only receive electric transmission and distribution services from PG&E. Within this category, residential customers will see an increase in rates. On average, DA and CCA customers will see an increase of 5.7 percent.

Departing Load customers do not receive electric generation, transmission or distribution services from PG&E. However, they are required to pay certain charges as required by law or CPUC decision. These customers will not be impacted by this application.

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 SAN FRANCISCO  
 2018 APR 13 PM 3:07  
 BY [Signature]

(4)

### **How do I find out more about PG&E's proposals?**

If you have questions about PG&E's filing, please contact PG&E at **1-800-743-5000**. For TTY (speech and hard of hearing), call **1-800-652-4712**. Para más detalles llame al **1-800-660-6789** • 詳情請致電 **1-800-893-9555**. If you would like a copy of PG&E's filing and exhibits, please write to PG&E at the address below:

Pacific Gas and Electric Company  
2018 CEMA Application (A.18-03-015)  
P.O. Box 7442  
San Francisco, CA 94120

A copy of PG&E's filing and exhibits are also available for review at the CPUC's Central Files Office by appointment only. For more information, contact [aljcentralfilesid@cpuc.ca.gov](mailto:aljcentralfilesid@cpuc.ca.gov) or **1-415-703-2045**. PG&E's Application (without exhibits) is available on the CPUC's website at [www.cpuc.ca.gov](http://www.cpuc.ca.gov).

### **CPUC process**

This application will be assigned to an Administrative Law Judge (Judge) who will determine how to receive evidence and other related documents necessary for the CPUC to establish a record upon which to base its decision. Evidentiary hearings may be held where parties will present their testimony and may be subject to cross-examination by other parties. These evidentiary hearings are open to the public, but only those who are formal parties in the case can participate.

After considering all proposals and evidence presented during the hearings, the assigned Judge will issue a proposed decision which may adopt PG&E's proposal, modify it or deny it. Any of the five CPUC Commissioners may sponsor an alternate decision. The proposed decision, and any alternate decisions, will be discussed and voted upon at a scheduled CPUC Voting Meeting.

The Office of Ratepayer Advocates (ORA) may review this application. ORA is the independent consumer advocate within the CPUC with a legislative mandate to represent investor-owned utility customers to obtain the lowest possible rate for service consistent with reliable and safe service levels. ORA has a multidisciplinary staff with expertise in economics, finance, accounting and engineering. For more information about ORA, please call **1-415-703-1584**, email [ora@cpuc.ca.gov](mailto:ora@cpuc.ca.gov) or visit ORA's website at [www.ora.ca.gov](http://www.ora.ca.gov).

### **Stay informed**

If you would like to follow this proceeding, or any other issue before the CPUC, you may use the CPUC's free subscription service. Sign up at <http://subscribecpuc.cpuc.ca.gov/>. If you would like to learn how you can participate in the proceeding, have informal comments about the application or have questions about the CPUC processes, you may access the CPUC's Public Advisor Office (PAO) webpage at <http://consumers.cpuc.ca.gov/paol/>.

You may also contact the PAO as follows:

**Email:** [public.advisor@cpuc.ca.gov](mailto:public.advisor@cpuc.ca.gov)

**Mail:** CPUC

Public Advisor's Office  
505 Van Ness Avenue  
San Francisco, CA 94102

**Call:** **1-866-849-8390** (toll-free) or **1-415-703-2074**

**TTY:** **1-866-836-7825** (toll-free) or **1-415-703-5282**

If you are contacting the CPUC, please include the application number (2018 CEMA Application; A.18-03-015). All comments will be circulated to the Commissioners, the assigned Judge and appropriate CPUC staff and will become public record.

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 10:30 AM  
**To:** BOS-Supervisors  
**Subject:** FW: 2018 Surplus Property Report  
**Attachments:** Surplus Property Report Memo.pdf; 2018 Surplus Property Report 4.10.18.pdf; MOHCD Site Suitability Assessment (2300 Third Street).pdf; MOHCD Site Suitability Assessment (155-165 Grove and 240 VN).pdf

File 180400

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**From:** Gavin, John (ECN)  
**Sent:** Thursday, April 12, 2018 5:03 PM  
**To:** Somera, Alisa (BOS) <[alisa.somera@sfgov.org](mailto:alisa.somera@sfgov.org)>  
**Cc:** Corrette, Moses (BOS) <[moses.corrette@sfgov.org](mailto:moses.corrette@sfgov.org)>; Barnes, Bill (ADM) <[bill.barnes@sfgov.org](mailto:bill.barnes@sfgov.org)>; Hartley, Kate (MYR) <[kate.hartley@sfgov.org](mailto:kate.hartley@sfgov.org)>; Blitzer, Mara (MYR) <[mara.blitzer@sfgov.org](mailto:mara.blitzer@sfgov.org)>; Bruss, Andrea (BOS) <[andrea.bruss@sfgov.org](mailto:andrea.bruss@sfgov.org)>  
**Subject:** Re: 2018 Surplus Property Report

Alisa,

Please find the attached memo regarding the surplus property report and supporting documents.

Sincerely,

John





Mark Farrell, Mayor  
Naomi M. Kelly, City Administrator



John Updike  
Director of Real Estate

## MEMORANDUM

**DATE:** April 11, 2018  
**TO:** Honorable Mayor Farrell & Clerk of the Board Angela Calvillo  
**FROM:** John Updike, Director of Real Estate, on behalf of Naomi Kelly, City Administrator

**SUBJECT: Hearing on 2018 Surplus Property Report under Administrative Code Section 23A**

For the purpose of the 2018 Surplus Property Report (and subsequent hearing TBD), to determine if any property should be transferred to the Mayor's Office of Housing and Community Development, please see the attached list of those parcels deemed surplus by the departments that meet code requirements of 10,890 square feet or larger (individually or assembled with adjacent parcels) (Section 23A.4 of the Administrative Code).

The Surplus Property Report (4.10.18) includes three parcels, located at 155/165 Grove Street and 240 Van Ness Avenue, that when assembled together meet the above requirements. The Mayor's Office of Housing and Community Development (MOHCD) has analyzed these parcels (attachment B), and have deemed them not suitable for their affordable housing needs.

For these three parcels, next steps in accordance with the Surplus Public Lands Ordinance is to notify governmental agencies about these properties to see if they could utilize these properties and if no agency determines that they can use them, then the San Francisco Board of Supervisors may discuss whether or not it is appropriate to sell these three surplus properties under the requirements of Administrative Code Section 23.3 and other applicable laws and to designate use of the net proceeds of such sales for the purpose of financing Affordable Housing in San Francisco.

Additionally, MOHCD has analyzed one other parcel, located at 2300 Third Street, (attachment C) and this property has also been deemed not suitable for their affordable housing needs. The property at 2300 Third Street, which is under the San Francisco Police Department's (SFPD) jurisdiction, has recently been reviewed by SFPD and they have decided to pursue a repurposing of the property to suit their operation needs and therefore the parcel is no longer considered surplus property.

cc: Honorable Board of Supervisors  
Kate Hartley, Director of MOHCD



SURPLUS PROPERTY

| PropertyName                        | Address          | Jurisdiction (Land) | No. of Lots | Land Area(sf) | Bldg Area | Bldg Use | Zoning | District | Vacant | Surplus | Block-Lot | Comments/Status  | Adjacent City Parcels? |
|-------------------------------------|------------------|---------------------|-------------|---------------|-----------|----------|--------|----------|--------|---------|-----------|--|------------------------|
| FORMER STORAGE                      | 240 VAN NESS     | Real Estate         | 1           | 5449          | 10898     | Vacant   | C-3-G  | 6        | TRUE   | TRUE    | 0811-019  | Vacant/Abandoned Notice on file -- MOHCD reviewed & rejected | 165 Grove              |
| ARTS COMM VISUAL/AUDIO DISPLAY ONLY | 155 GROVE STREET | Arts Comm           | 1           | 4186          |           | Vacant   | P      | 6        | FALSE  | TRUE    | 0811-016  | UMB -- MOHCD reviewed & rejected                             | 165 Grove, 101 Grove   |
| PLEASE TOUCH GARDEN                 | 165 GROVE STREET | Real Estate         | 1           | 4116          |           |          | P      | 6        | TRUE   | TRUE    | 0811-021  | Community Garden -- MOHCD reviewed and rejected              | 240 Van Ness           |





**Address: 155 Grove Street, 165 Grove Street, 240 Van Ness**  
**Neighborhood: Civic Center**

**SITE SUITABILITY ASSESSMENT**

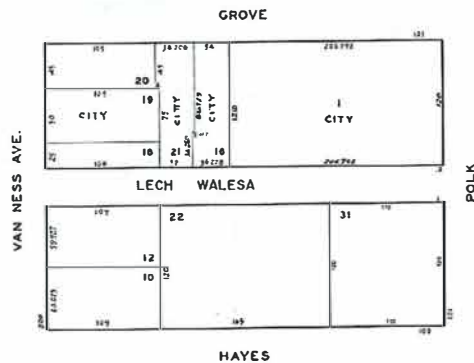
**Executive Summary:** MOHCD reviewed the 155 Grove, 165 Grove and 240 Van Ness Avenue properties, their historic and current use, zoning, current condition and development potential as affordable housing. MOHCD conducted a physical and financial feasibility analysis to determine both the number of residential units that could be developed on all 3 parcels, as well as how much financial assistance from MOHCD would be required. A description of that analysis is included in this assessment. Given the site’s physical constraints and amount of funding required of MOHCD to develop the parcels in to affordable housing, MOHCD believes it is would be difficult for it to pursue development as affordable housing due to building inefficiencies generated by sites’ odd configuration as well as the amount of capital and operating subsidies required of the City to support the development. MOHCD recommends that it be transferred to another City department for community-serving purposes or potentially sold to the two adjacent property owners for development of all 5 parcels as a single development.

**1. Existing Use**

|   | 155 Grove                                      | 165 Grove   | 240 Van Ness            |
|---|--|---|-------------------------|
| <b>Historical Use</b>   | SF Arts Commission Window Installation Gallery | Please Touch Community Garden fiscally sponsored by Intersection for the Arts | Vacant storage building |
| <b>Community support for continued historical use</b>         | Possibly                                       | Possibly  | No                      |
| <b>Community support for conversion to affordable housing</b> | Unknown  | Unknown   | Unknown                 |

**2. Lot Size and Configuration**

|                        | 155 Grove            | 165 Grove           | 240 Van Ness       |
|------------------------|----------------------|---------------------|--------------------|
| <b>Block No.</b>       | 0811                 | 0811                | 0811               |
| <b>Lot No.</b>         | 016                  | 021                 | 019                |
| <b>Area Dimensions</b> | ~34’x120’ (4,186 sf) | ~34’x120’(4,116 sf) | ~50’x109’(5,449sf) |
| <b>Configuration</b>   | Rectilinear          | Rectilinear         | Rectilinear        |



Assessor-Recorder’s parcel map of 155 Grove, 165 Grove and 240 Van Ness parcels (lots 16, 19, 21)

**3. Zoning of Site**

|                               | <b>155 Grove</b>  | <b>165 Grove</b>   | <b>240 Van Ness</b>  |
|-------------------------------|---|--|--|
| <b>Zoning</b>                 | C-3-G (Downtown-General Commercial)   | C-3-G (Downtown-General Commercial)  | C-3-G (Downtown-General Commercial)  |
| <b>Height Limit</b>           | 70-X  | 70-X   | 70-X   |
| <b>Density limit</b>          | None; density regulated by permitted height & bulk and required setbacks, exposure and open space of each development lot   | None; density regulated by permitted height & bulk and required setbacks, exposure and open space of each development lot  | None; density regulated by permitted height & bulk and required setbacks, exposure and open space of each development lot  |
| <b>Housing permitted</b>      | Yes   | Yes  | Yes  |
| <b>Surrounding use zoning</b> | C-3-G (234 Van Ness & 250 Van Ness); P-Public (101 Grove)   | C-3-G (234 Van Ness & 250 Van Ness); P-Public (101 Grove)  | C-3-G (234 Van Ness & 250 Van Ness); P-Public (101 Grove)  |
| <b>In commercial district</b> | No  | No   | No   |
| <b>Parking requirement</b>    | None required, up to 1 car for every 2 dwelling units   | None required, up to 1 car for every 2 dwelling units  | None required, up to 1 car for every 2 dwelling units  |
| <b>Other Considerations</b>   | In Civic Center Historic District; 155 Grove St. building is listed as “Noncontributory”; any replacement building must adhere to Civic Center Urban Design Guidelines.<br><br>Located in the Civic Center Community Benefit District | In Civic Center Historic District; any replacement building must adhere to Civic Center Urban Design Guidelines.<br><br>Located in the Civic Center Community Benefit District | In Civic Center Historic District; 240 Van Ness building is listed as “Noncontributory”; any replacement building must adhere to Civic Center Urban Design Guidelines.<br><br>Located in the Civic Center Community Benefit District |

**4. Site Conditions**

|                                 | <b>155 Grove</b>                                  | <b>165 Grove</b>                                       | <b>240 Van Ness</b>                       |
|---------------------------------|---|--|---|
| <b>Physical Condition</b>       | Existing building in need of seismic retrofitting | Garden below grade; currently maintained by volunteers | Vacant building                           |
| <b>Topography</b>               | N/A   | Below grade  | N/A                                       |
| <b>Accessibility</b>            | Unknown   | Can be made accessible                                 | Unknown                                   |
| <b>Environmental conditions</b> | Unknown   | Unknown; currently used as community garden            | Unknown                                   |
| <b>Surrounding Uses</b>         | City Hall, Dept. of Public Health offices         | City Hall, Dept. of Public Health offices              | City Hall, Dept. of Public Health offices |

|                               |   |   |   |
|-------------------------------|---|---|---|
| <b>Neighborhood Amenities</b> | Walking distance to Main Public Library, weekly Civic Center farmer's market, restaurants, pharmacies, school | Walking distance to Main Public Library, weekly Civic Center farmer's market, restaurants, pharmacies, school | Walking distance to Main Public Library, weekly Civic Center farmer's market, restaurants, pharmacies, school |
| <b>Access to Transit</b>      | On and near major transit lines   | On and near major transit lines   | On and near major transit lines   |
| <b>Other Considerations</b>   |   |   |   |



240 Van Ness Avenue building – sandwiched between 2 corner buildings



155 Grove and 165 Grove Street parcels – existing building used by SF Arts Commission for rotating art exhibits and vacant lot used as a Touch Garden



Please Touch Garden on 165 Grove Street parcel – view from Dr. Tom Waddell Place



155 Grove and 165 Grove Street parcels – view from Grove Street



Please Touch Community Garden sign on 165 Grove Street fence

## 5. Development Potential

**Number of potential units:** 88 units based on preliminary feasibility study completed by MOHCD construction management staff. Feasibility study assumed going up to 8 stories up to 85-feet in height by utilizing the Affordable Housing Bonus Program's allowance to increase a building's height by 3 stories. MOHCD would not seek to go above 85-feet in order to stay below the high rise building typology and its associated life safety requirements and costs.

**Sufficient space for supportive services:** Yes, if supportive services space is included on the ground floor.

**Space for commercial uses:** Potentially space to include space on Grove or Van Ness if no parking is included on the ground floor of the building. Potentially could put parking below grade given the current below grade elevation of the 165 Grove site. However, MOHCD prefers to minimize residential parking in developments well-served by public transit in order to minimize development costs.

**Alternative uses for site:** Commercial, office or civic-serving uses given the properties' location in the Civic Center and across from City Hall

**Achievable economies of scale:** To some degree. At 88 units, the project is somewhat financially feasible to operate so long operating expenses do not exceed operating income. A project with 100 or more units would be more financially feasible to operate in order to spread some operating expenses that are fixed and not based on a per-unit cost, such as insurance or the cost for on-site property management staff, can be spread across more units. MOHCD use an average operating expense per unit based on its existing housing portfolio.

**Ability to leverage non-City capital sources:** Yes, if developer uses 4% Low Income Housing Tax Credits, tax-exempt bonds, a Federal Home Loan Bank Affordable Housing Program (AHP) loan, and a 30-year mortgage. Use of Low Income Housing Tax Credits and the Federal Home Loan Bank's AHP funds would require a certain level of affordability for a minimum of 55 years. Furthermore the building must generate sufficient operating income to pay debt service on a 30-year mortgage. This would require at least 40% of the units to serve households earning up to 60% of area median income (currently \$64,600/year for a family of 4). The assumed terms of the 30-year mortgage are a \$3.1 million mortgage for 30 years at 5.5% interest.

**MOHCD capital subsidy per unit required:** Based on an initial financial model of 88 affordable units, MOHCD would be required to contribute over \$24.6 million (approximately \$280,500/unit) in capital subsidy to construct the project. MOHCD's subsidy would pay for initial predevelopment expenses and a portion of the construction costs. This financial model assumes 20% of the units (18 units) are serving formerly homeless households and therefore are subsidized with the Local Operating Subsidy Program (LOSP) and cannot support any conventional debt. The remainder of the units would need to be a 40% at 50% AMI and 40% at 60% AMI in order to generate sufficient operating income to support a 30-year mortgage. Bear in mind that the \$24.6 million from MOHCD excludes any ongoing operating subsidies from the City to support the 18 units for homeless households. MOHCD estimates the City would need to contribute an additional \$6.4 million in ongoing LOSP funding over a 30-year period.

## 6. Recommendation

MOHCD could potentially develop the 3 parcels into an affordable housing development; however, it would require over \$24 million of City capital subsidy and an additional \$6.4 million of operating subsidy to support the homeless units, neither of which MOHCD or the Department of Homeless and Supportive Housing have currently programmed in their long-range budgets. Because the that amount of funding is not currently available in MOHCD's housing budget and MOHCD is constantly receiving many other demands of its capital funds to support its existing housing pipeline, MOHCD is not interested in pursuing development of these 3 parcels and recommends it be used for another purpose. Ultimately it is the Board of Supervisor's discretion as to what should be done with the 3 City-owned parcels.



**Address:** 2300 3rd Street  
**Neighborhood:** Potrero Hill/Dogpatch

**SITE SUITABILITY ASSESSMENT**

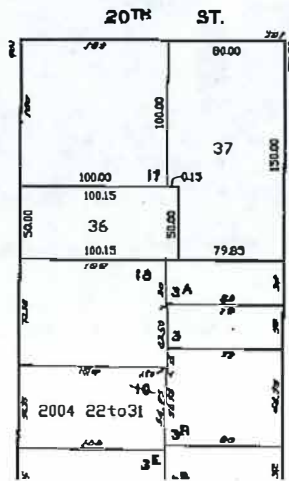
**Executive Summary:** MOHCD reviewed the 2300 3<sup>rd</sup> Street property, its historic use, its zoning and potential eligibility for the National Register of Historic Places, and its current condition to determine its viability for affordable housing development. MOHCD is also aware of communication Supervisor Malia Cohen received from community members expressing their desire to use the building for community-serving uses. Based on the site's current condition and historic nature, the requirement to rezone the site for residential use, and the community's expressed desire for it not be used for housing but for community-serving uses, MOHCD did not do an in-depth analysis for potential affordable housing development of this site. Although the site is well-served by public transit and is a decent lot size for development, MOHCD believes it is better used for community-serving purposes and recommends it be transferred to another City department for such a use.

**1. Existing Use:**

**Historical Use:** Potrero Police Station  
**Community support for continued historical use:** Yes  
**Community support for conversion to affordable housing:** No

**2. Lot Size and Configuration:**

**Block:** 4108  
**Lot:** 037  
**Area dimensions including total square footage:** 11,992 s.f.  
**Configuration (i.e. rectilinear or oddly-shaped):** rectilinear



Assessor-Recorder's map of 2300 3<sup>rd</sup> Street (Lot 37)

**3. Zoning of Site:**

**Zoning designation:** P-Public  
**Height limit:** 45-X  
**Density limit:** Not applicable.  
**Housing permitted:** No; site must be rezoned to permit housing.  
**Zoning of surrounding uses:** UMU - Urban Mixed Use; PDR-1-G – Production Distribution and Repair  
**In commercial district:** No

**Parking requirement:** Not applicable.

#### 4. Site Conditions:

**Physical Condition:** The site is improved with two adjoining buildings built circa 1915 that were once used by the San Francisco Police Department as the Potrero Police Station. The western portion of the site behind the former police station is improved with a paved lot. The existing buildings are vacant and in a state of disrepair with broken windows and boarded entrances. The building was noted as having been vacant for 16 years in 2012 as well as damaged by a fire in 2012 according to a letter from the Real Estate Division to the Planning Department when RED submitted a General Plan Referral application to Planning. Furthermore, the building is listed as appearing eligible for the National Registry of Historic Places as an individual property according to a historic survey identified on the San Francisco Planning Department's website.

**Topography:** Site slopes upward to the west.

**Accessibility:** Site is accessible from Third Street.

**Environmental conditions:** Unknown.

**Surrounding Uses:** Industrial buildings and some new residential to the northeast.

**Neighborhood Amenities:** Small restaurants are within a block of the site on 20<sup>th</sup> Street as well as a liquor/deli.

**Access to Transit:** Site is adjacent to the 20<sup>th</sup> Street transit stop for the T-Third light rail line.



2300 3<sup>rd</sup> Street looking westward across 3<sup>rd</sup> Street with the 20<sup>th</sup> Street light rail stop in the foreground





Looking at the rear of 2300 3<sup>rd</sup> Street and the paved portion of the site

#### 5. Development Potential

**Number of potential units:** N/A  
**Sufficient space for supportive services:** N/A  
**Space for commercial uses:** N/A  
**Alternative uses for site:** Community-serving uses.  
**Economies of scale achievable?** N/A  
**Ability to leverage non-City capital sources:** N/A  
**MOHCD capital subsidy per unit required:** N/A

#### 6. Recommendation

MOHCD recommends the property not be transferred to MOHCD for affordable housing purposes and instead be transferred to another City department for community-serving uses.



13 letters  
File No:  
180217

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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 11:30 AM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Keep the Electric Scooters

**From:** Nelson Esteban Acevedo [mailto:[nelson.e.acevedo@gmail.com](mailto:nelson.e.acevedo@gmail.com)]  
**Sent:** Monday, April 16, 2018 11:12 AM  
**To:** Board of Supervisors, (BOS) <[board.of.supervisors@sfgov.org](mailto:board.of.supervisors@sfgov.org)>  
**Subject:** Keep the Electric Scooters

Good morning,

My name is Nelson Acevedo; I'm an American Citizen and have been residing in San Francisco for 8 years. One of the most challenging components of living in the city is commuting and moving around. Throughout the years, my commuting experience has been either too costly (lyft, uber, personal vehicle) or time consuming, inconvenient and unreliable (public transit).

The electric scooters are the first solution in the San Francisco market to address both problems; a fast and inexpensive transportation option. Moreover, it's taking people from cars and putting them in lightweight vehicles that are decluttering the busy streets of San Francisco and creating a better environment for everyone. Taking them away would be an absolute a mistake, and a step backwards from an urban development point of view.

We need more affordable and reliable transportation options in the city. I really do hope that you keep us, the working class citizens, in mind when regulating the scooters.

**Please keep the electric scooters in our city!**

Best Regards,  
Nelson Acevedo  
[nelson.e.acevedo@gmail.com](mailto:nelson.e.acevedo@gmail.com)

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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 8:15 AM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: In support of having LimeBike in San Francisco

**From:** Ryan Palmer [mailto:doh2dohdoh@gmail.com]  
**Sent:** Monday, April 09, 2018 5:18 PM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** In support of having LimeBike in San Francisco

Dear City of San Francisco Board of Supervisors,

I am writing to voice my support for LimeBike in San Francisco. I love using shared scooters in the City! They are an inexpensive and environmentally friendly way to get around the community.

Please ensure City regulations that preserve the ability of LimeBike to serve San Francisco.

Thank you for your consideration,  
Ryan Palmer  
1515 S Van Ness Ave  
San Francisco, CA 94110 .

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:38 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Electric and Motorized Scooters

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**From:** Chloe [mailto:cxjmeister@yahoo.com]  
**Sent:** Thursday, April 12, 2018 1:32 PM  
**To:** Cityattorney <Cityattorney@sfcityatty.org>  
**Cc:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** Electric and Motorized Scooters

Good day,

I'd like to throw my support behind banning all scooters, including electric and motorized, from sidewalks in San Francisco, much like the banning of bicycles from some locations. Scooters go much faster than humans typically walk, and not only have I almost been knocked down by someone riding a Bird scooter, but I've seen many near misses during my walk home from the Embarcadero Centers to the Castro.

Additionally, if these scooters are going to be allowed on the streets of San Francisco, I'd like to make sure they are required to obey the same traffic stops and signals as those in cars, and as cyclists are supposed to. (We need way more enforcement of cyclists, while we're discussing transportation laws.) I think scooters are a great idea, but they have to be managed such that pedestrians, and those using city streets, are kept safe. And they absolutely need to be permitted. The only motorized vehicle that should legally be allowed to use sidewalks are wheelchairs and other mobility assistance transportation vehicles, electric or otherwise.

Thank you,  
Chloe Jager  
SF Native, 94114  
[cxjmeister@yahoo.com](mailto:cxjmeister@yahoo.com)  
415.867.9776

*"The Animals of the planet are in desperate peril. Without free animal life I believe we will lose the spiritual equivalent of oxygen."*

*~Alice Walker*

*There are always those who need our support as they keep our country free.*

*If you would like to learn more, please visit...*

<http://soldiersangels.org/>

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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 8:09 AM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Lime Electric Scooter Support

**From:** Dafu Gao [mailto:dafu.gao@1piecework.com]  
**Sent:** Monday, April 16, 2018 12:23 AM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>; Reiskin, Ed (MTA) <Ed.Reiskin@sfmta.com>; Parks, Jamie (MTA) <Jamie.Parks@sfmta.com>; Maguire, Tom (MTA) <Tom.Maguire@sfmta.com>  
**Subject:** Lime Electric Scooter Support

Dear SF Supervisors:

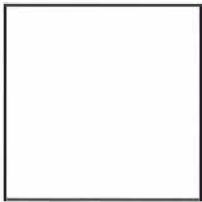
I'm a local business operator in the City of San Francisco, and I'm writing to express my support for the Lime Electric Scooters. Since Lime approached me to be a partner, I have been able to offer customers another way of getting around the city, and they have a place to park that ensures it isn't in the middle of the sidewalk.

I hope you find a way to let them expand to other parts of the city.

Thank you so much for your time and support!

best,  
Dafu

--



**Dafu Gao**  
Regional Director  
[\(650\)457-9668](tel:(650)457-9668)

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:38 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Ford GoBike Plus

**From:** Andre Clark [mailto:j.andre.clark@gmail.com]  
**Sent:** Thursday, April 12, 2018 1:59 PM  
**To:** marketing@fordgobike.com  
**Cc:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** Ford GoBike Plus

Dear Ford GoBike,

I'm a daily Ford GoBike user and love your service, but I am very dismayed that you are rolling out motorized bikes.

First, tons of people illegally ride motorized bikes on the sidewalks already. The last thing we need on sidewalks is motorized bikes hitting pedestrians at 18mph. When a pedestrian gets hit, falls, and dies from a head injury, there will be a massive financial settlement - both Ford GoBike and the City of San Francisco will be at fault.

Second, obesity is already the number two cause of death in the U.S. and is rapidly on the way to be the number one cause of death. The last thing people need is less exercise.

Thanks for your consideration,  
Jonathon Clark

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:37 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Ebikes are coming to Ford GoBike 🚲

**From:** dubyldigital@gmail.com [mailto:dubyldigital@gmail.com] **On Behalf Of** Todd Leachman

**Sent:** Thursday, April 12, 2018 3:24 PM

**To:** KGOTV.Web@abc.com; calreport@kqed.org; forum@kqed.org; kcbscomments@kcbs.com; newstips@foxtv.com; stories@nbcbayarea.com; ureport@kgo-tv.com; Safai, Ahsha (BOS) <ahsha.safai@sfgov.org>; Beinart, Amy (BOS) <amy.beinart@sfgov.org>; Bruss, Andrea (BOS) <andrea.bruss@sfgov.org>; Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>; Morales, Carolina (BOS) <carolina.morales@sfgov.org>; Goossen, Carolyn (BOS) <carolyn.goossen@sfgov.org>; Stefani, Catherine (BOS) <catherine.stefani@sfgov.org>; Miller Hall, Ellie (BOS) <ellie.millerhall@sfgov.org>; Ronen, Hillary <hillary.ronen@sfgov.org>; Lee, Ivy (BOS) <ivy.lee@sfgov.org>; Gallagher, Jack (BOS) <jack.gallagher@sfgov.org>; Kim, Jane (BOS) <jane.kim@sfgov.org>; Sheehy, Jeff (BOS) <jeff.sheehy@sfgov.org>; Tang, Katy (BOS) <katy.tang@sfgov.org>; Lloyd, Kayleigh (BOS) <kayleigh.lloyd@sfgov.org>; Lambright, Koledon (BOS) <koledon.lambright@sfgov.org>; Breed, London (BOS) <london.breed@sfgov.org>; Cohen, Malia (BOS) <malia.cohen@sfgov.org>; Fatooh, Martin (BOS) <martin.fatooh@sfgov.org>; MayorMarkFarrell (MYR) <mayormarkfarrell@sfgov.org>; Duong, Noelle (BOS) <noelle.duong@sfgov.org>; Yee, Norman (BOS) <norman.yee@sfgov.org>; Roxas, Samantha (BOS) <samantha.roxas@sfgov.org>; Fewer, Sandra (BOS) <sandra.fewer@sfgov.org>; Chung, Sharon (BOS) <sharon.chung@sfgov.org>; Johnson, Sharon (BOS) <sharon.p.johnson@sfgov.org>; KimStaff, (BOS) <kimstaff@sfgov.org>; Peskin, Aaron (BOS) <aaron.peskin@sfgov.org>; Ford GoBike <marketing@fordgobike.com>

**Subject:** Re: Ebikes are coming to Ford GoBike 🚲

Hi,

I should add that you've got to remember SF has some of the worst surface street congestion in the world and an atrocious ped/bike safety record. Mayor Lee actually had to start an initiative to begin to address it. I am a former volunteer Fire Fighter and know firsthand it only takes a slight glancing blow to the head to lose speech faculties and cause lifelong medical issues. I highly recommend you do a sample study of the regular GoBikes and I think you'll find the helmet use is less than 1%.

It's a great idea but unfortunately, people don't often behave as they should and the danger/risk level in SF is off the charts.

Thank you for considering my input,

Todd

On Thu, Apr 12, 2018 at 3:11 PM dubyldigital <[dubyldigital@gmail.com](mailto:dubyldigital@gmail.com)> wrote:

----- Forwarded message -----

From: **Todd Leachman** <[Todd.Leachman@gmail.com](mailto:Todd.Leachman@gmail.com)>



Date: Thu, Apr 12, 2018 at 3:03 PM

Subject: Re: Ebikes are coming to Ford GoBike 

To: Ford GoBike <[marketing@fordgobike.com](mailto:marketing@fordgobike.com)>, Todd Leachman <[todd.leachman@gmail.com](mailto:todd.leachman@gmail.com)>, [Ahsha.Safai@sfgov.org](mailto:Ahsha.Safai@sfgov.org), [amy.beinart@sfgov.org](mailto:amy.beinart@sfgov.org), [andrea.bruss@sfgov.org](mailto:andrea.bruss@sfgov.org), [Board.of.Supervisors@sfgov.org](mailto:Board.of.Supervisors@sfgov.org), [carolina.morales@sfgov.org](mailto:carolina.morales@sfgov.org), [carolyn.goossen@sfgov.org](mailto:carolyn.goossen@sfgov.org), [Catherine.Stefani@sfgov.org](mailto:Catherine.Stefani@sfgov.org), [Ellie.millerhall@sfgov.org](mailto:Ellie.millerhall@sfgov.org), [Hillary.Ronen@sfgov.org](mailto:Hillary.Ronen@sfgov.org), [Ivy.Lee@sfgov.org](mailto:Ivy.Lee@sfgov.org), [jack.gallagher@sfgov.org](mailto:jack.gallagher@sfgov.org), [jane.kim@sfgov.org](mailto:jane.kim@sfgov.org), [Jeff.Sheehy@sfgov.org](mailto:Jeff.Sheehy@sfgov.org), [Katy.Tang@sfgov.org](mailto:Katy.Tang@sfgov.org), [kayleigh.lloyd@sfgov.org](mailto:kayleigh.lloyd@sfgov.org), [koledon.lambright@sfgov.org](mailto:koledon.lambright@sfgov.org), [London.Breed@sfgov.org](mailto:London.Breed@sfgov.org), [Malia.Cohen@sfgov.org](mailto:Malia.Cohen@sfgov.org), [martin.fatooh@sfgov.org](mailto:martin.fatooh@sfgov.org), [mayormarkfarrell@sfgov.org](mailto:mayormarkfarrell@sfgov.org), [Noelle.Duong@sfgov.org](mailto:Noelle.Duong@sfgov.org), [Norman.Yee@sfgov.org](mailto:Norman.Yee@sfgov.org), [samantha.roxas@sfgov.org](mailto:samantha.roxas@sfgov.org), [Sandra.Fewer@sfgov.org](mailto:Sandra.Fewer@sfgov.org), [Sharon.chung@sfgov.org](mailto:Sharon.chung@sfgov.org), [sharon.p.Johnson@sfgov.org](mailto:sharon.p.Johnson@sfgov.org), KimStaff <[kimstaff@sfgov.org](mailto:kimstaff@sfgov.org)>, "Peskin, Aaron (BOS)" <[Aaron.Peskin@sfgov.org](mailto:Aaron.Peskin@sfgov.org)>

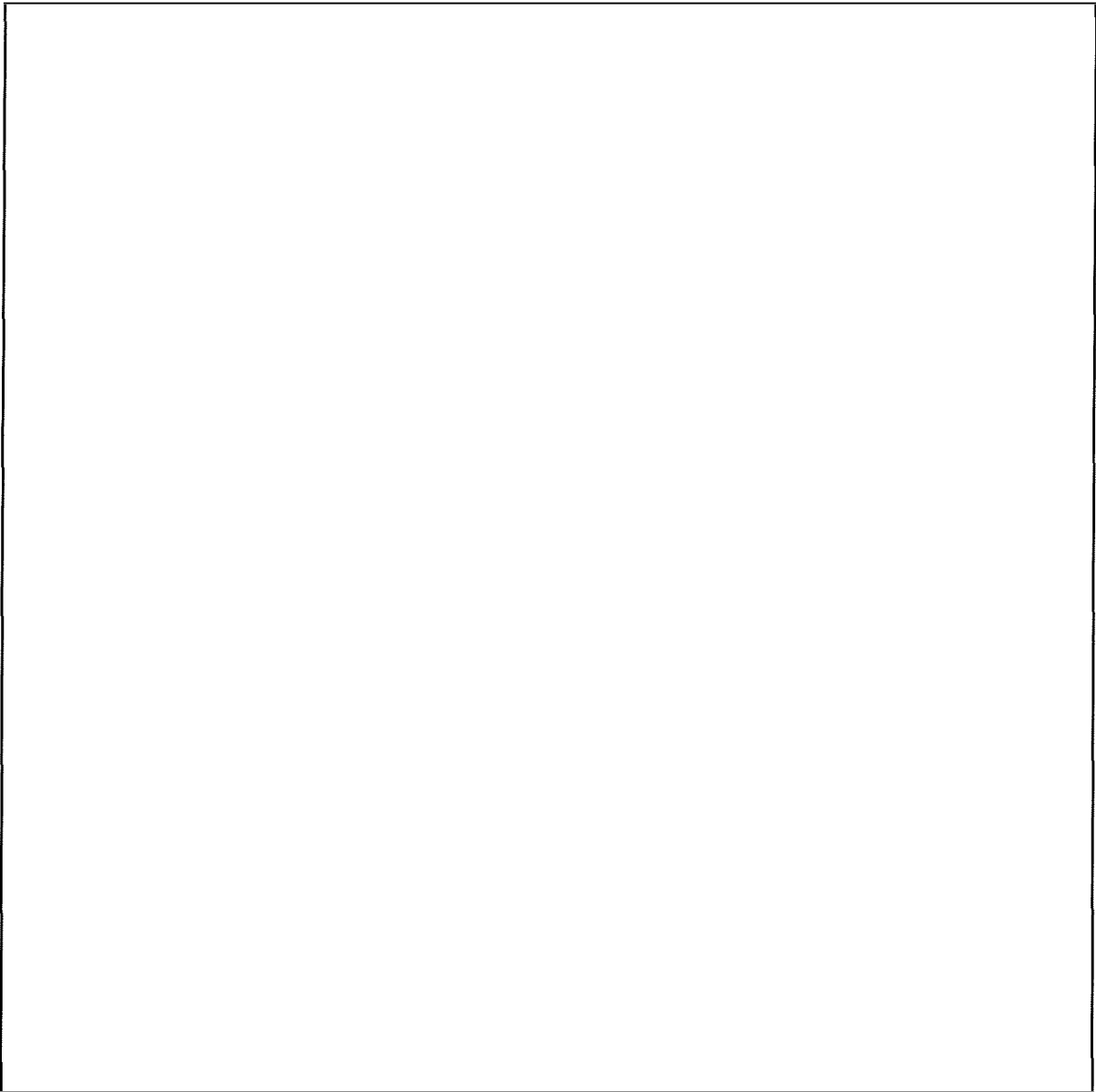
Hi,

I believe it would be so much better if you put the legal info right up front in the email! It definitely should state no riding on sidewalks, follow motor vehicle rules - no running reds, helmets required by state law, must have a drivers license, etc.

You might want to go back and check with liability attorneys and insurance carriers! Very precipitous and you may be setting your self up for a class action. I'm all for it but recent events in SF show that it gets out of control immediately upon rollout, and it needs to have fool-proof design especially the complex helmet issue. You wouldn't want to be accused of encouraging or allowing no helmets.

Todd

On Thu, Apr 12, 2018 at 1:37 PM Ford GoBike <[marketing@fordgobike.com](mailto:marketing@fordgobike.com)> wrote:



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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:36 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Scooters

**From:** Thomas Schmidt [mailto:tgschmidt@gmail.com]  
**Sent:** Thursday, April 12, 2018 7:04 PM  
**To:** Peskin, Aaron (BOS) <aaron.peskin@sfgov.org>; Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** Scooters

Dear Aaron, BOS members,

I hope the BOS does not overregulate e-scooters and bikes. Since they have been available they have become my preferred mode of transport in the city. They are so easy and efficient. You have to try a Jump bike or Bird / Lime scooter if you haven't already. You will see how revolutionary they are.

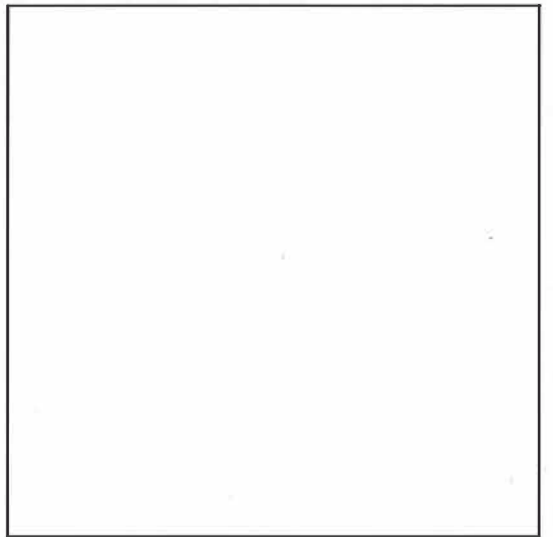
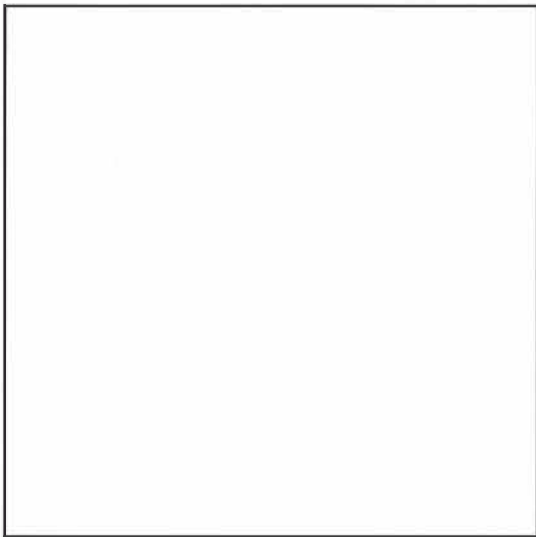
Everyone who rides one of these vehicles means less load on Muni and less pollution in the city from car transport. With every new technology, people will push back. There will be growing pains. But I'm confident the majority of riders are using these vehicles responsibly and it be a positive benefit to the city. Thank you for supporting new modes of transportation.

Best regards,

Tom Schmidt  
88 Museum Way

--

—  
Tom Schmidt



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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:36 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: We're Updating our Terms

**From:** dubyldigital [mailto:dubyldigital@gmail.com]

**Sent:** Friday, April 13, 2018 3:09 PM

**To:** Safai, Ahsha (BOS) <ahsha.safai@sfgov.org>; Beinart, Amy (BOS) <amy.beinart@sfgov.org>; Bruss, Andrea (BOS) <andrea.bruss@sfgov.org>; Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>; Morales, Carolina (BOS) <carolina.morales@sfgov.org>; Goossen, Carolyn (BOS) <carolyn.goossen@sfgov.org>; Stefani, Catherine (BOS) <catherine.stefani@sfgov.org>; Miller Hall, Ellie (BOS) <ellie.millerhall@sfgov.org>; Ronen, Hillary <hillary.ronen@sfgov.org>; Lee, Ivy (BOS) <ivy.lee@sfgov.org>; Gallagher, Jack (BOS) <jack.gallagher@sfgov.org>; Kim, Jane (BOS) <jane.kim@sfgov.org>; Sheehy, Jeff (BOS) <jeff.sheehy@sfgov.org>; Tang, Katy (BOS) <katy.tang@sfgov.org>; Lloyd, Kayleigh (BOS) <kayleigh.lloyd@sfgov.org>; Lambright, Koledon (BOS) <koledon.lambright@sfgov.org>; Breed, London (BOS) <london.breed@sfgov.org>; Cohen, Malia (BOS) <malia.cohen@sfgov.org>; Fatooh, Martin (BOS) <martin.fatooh@sfgov.org>; MayorMarkFarrell (MYR) <mayormarkfarrell@sfgov.org>; Duong, Noelle (BOS) <noelle.duong@sfgov.org>; Yee, Norman (BOS) <norman.yee@sfgov.org>; Roxas, Samantha (BOS) <samantha.roxas@sfgov.org>; Fewer, Sandra (BOS) <sandra.fewer@sfgov.org>; Chung, Sharon (BOS) <sharon.chung@sfgov.org>; Johnson, Sharon (BOS) <sharon.p.johnson@sfgov.org>; KimStaff, (BOS) <kimstaff@sfgov.org>; Peskin, Aaron (BOS) <aaron.peskin@sfgov.org>; Ford GoBike Customer Service <customerservice@fordgobike.com>; Ford GoBike <marketing@fordgobike.com>

**Subject:** Fwd: We're Updating our Terms

Dear Mayor and Sups,

Over the past week my neighborhood has been deluged with unpermitted electric scooters and bikes, and I voiced many concerns about the roll-out's lack of concern for public safety, rule of law, and blatant disregard for public input. I also forwarded you Ford's ebike announcement email and my request for them to spell out the basic rule of operation and sidewalk courtesy for users. I feel like they are just running all over SF with zero thought as to how it will impact traffic, ped/bike safety and the culture, or what's left of dear sweet old SF. Perhaps the worst part of this is that it is designed to serve the same affluent tech population that has precipitated gentrification, displacement, land greed and loss of traditional hard-won culture, as well as completely ignoring the transit needs of low income neighborhoods. It really reminds me of the stigma of public transit that the so called Google buses engender on those of us who aren't afforded luxury door to door service. Has the City Attorney or DMV looked at this new Ford agreement to ensure it meets the standards of the City/State? Or does it merely suggest users follow all state and local regulations? Putting the onus on the user to understand all the intricacies of motor vehicle code and city regulations appears to me to be a cheap stunt to distance the company's responsibility when they are de facto promoting use without a helmet by the mere fact of existence and ease of access. Did the Police and Fire Department get input on these programs? I believe this is a liability nightmare lying in wait and it might be wise to put a hold on it until some wiser minds can make it work better. I am for it but it seems hasty and disrespectful to you, our elected representatives.

One suggestion: The Jump bikes have a basket on the front that would fit a helmet. With a little ingenuity this could serve as the space to secure a helmet with each vehicle when not in use - at least one issue could be addressed rather quickly.

Thank you for hearing my voice, Todd

----- Forwarded message -----

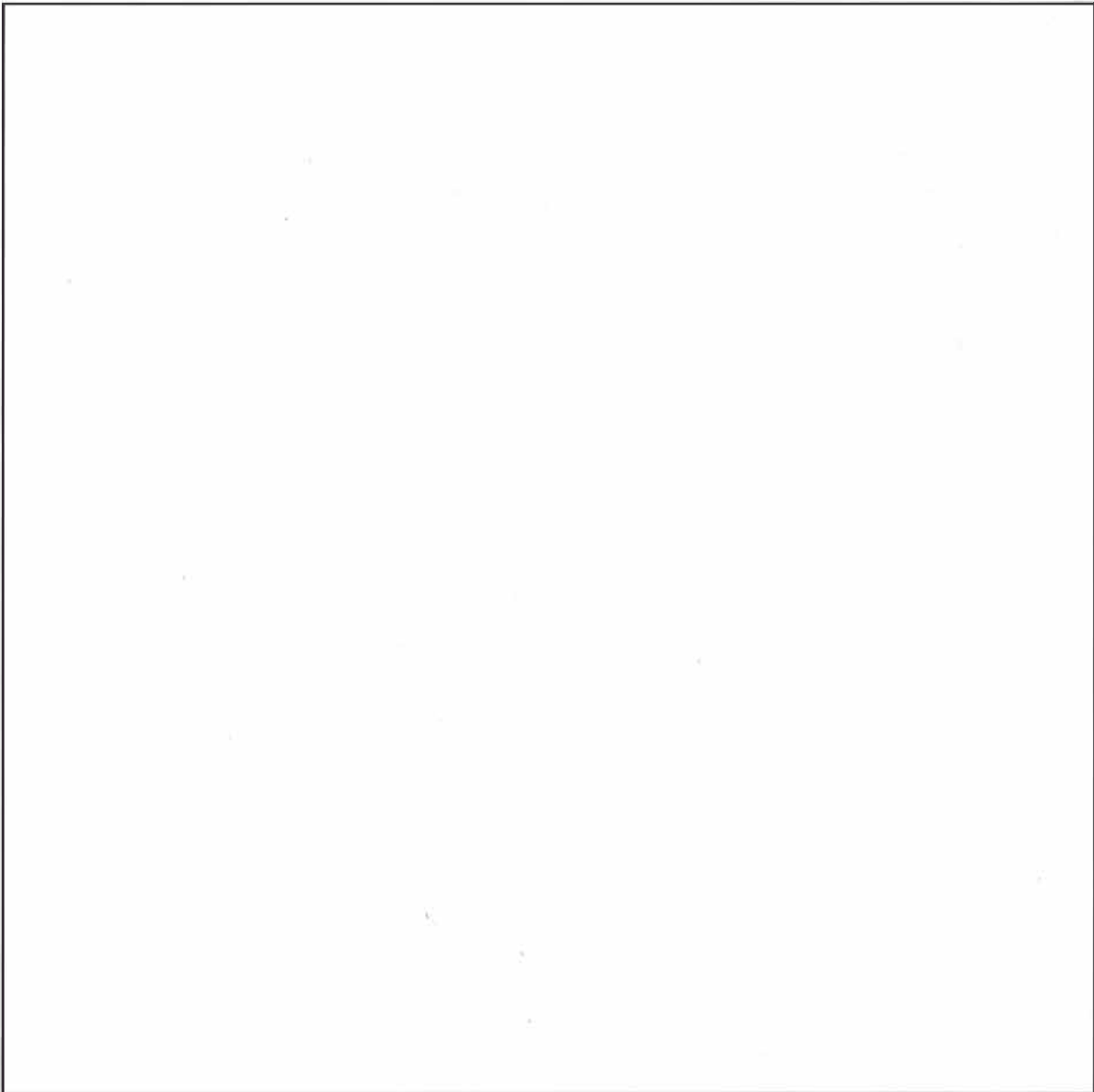
From: **Ford GoBike** <[customerservice@fordgobike.com](mailto:customerservice@fordgobike.com)>

Date: Fri, Apr 13, 2018 at 12:48 PM

Subject: We're Updating our Terms

To: [todd.leachman@gmail.com](mailto:todd.leachman@gmail.com)

Important changes to our terms.



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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:35 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Scooter services

**From:** Sam Odio [mailto:odio.sam@gmail.com]  
**Sent:** Friday, April 13, 2018 1:48 PM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** Scooter services

These scooters are an innovative solution to the city's financial district / SOMA area transportation problems. They're more environmentally friendly than vehicles, more affordable, and put less stress on our aging transportation infrastructure than alternatives like cars.

You might even consider "scooter / walking only" transportation zones in dense areas where cars are excluded for safety reasons.

Please tread carefully with regulation. I would hate to see unintended consequences that hinder adoption.

Thank you!

---

**From:** Pete Lester <pete.a.lester@gmail.com>  
**Sent:** Thursday, April 12, 2018 7:42 AM  
**To:** Board of Supervisors, (BOS)  
**Subject:** Scooters on our sidewalks, really?

I know I'm not the only one who has already been buzzed by electric scooters that have been dumped en masse all across our city.

I have a couple of questions;

- Are not riders of powered scooters required by local ordinances to wear a helmet?
- Aren't they prohibited from using the sidewalk also?

If the answer to the questions above are yes, then who's responsible for the misuse of our sidewalks-again-by companies who have no interest in anything other than moving fast and breaking things.

I am sick to death of startups essentially stressing our city to the breaking point.  
Get these scooters off of the sidewalks or out of our town.

Thank you.

--  
**Pete A Lester**

Vice President Chooda Board of Directors

Event Planner and Coordinator

Bike Zambia Planning Committee

Certified Bike Fitter

Certified Bosch E-Bike Mechanic

[Help me raise money to fight HIV/Aids and Poverty in Zambia](#)

[Join Us on the ride!](#)



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**From:** Joshua Harris <jharris.sf@gmail.com>  
**Sent:** Wednesday, April 11, 2018 2:33 PM  
**To:** Board of Supervisors, (BOS)  
**Subject:** In support of having LimeBike in San Francisco

Dear City of San Francisco Board of Supervisors,

I support lime bike and other shared transportation options. Scooters are an especially low impact form of transportation that help reduce the number of cars on the road. San Francisco must support alternative transportation options if we are to reduce pollution and traffic congestion. Unfortunately using the bus has become untenable for many people because of the extreme traffic congestion. Lime is helping to fix this problem- if less people use cars the SFMTA will benefit.

Thank you for your consideration,  
Joshua Harris  
22 Napier Lane  
San Francisco, CA 94133

---

**From:** Christina Truong <christinalytruong@gmail.com>  
**Sent:** Wednesday, April 11, 2018 2:32 PM  
**To:** Board of Supervisors, (BOS)  
**Subject:** In support of having LimeBike in San Francisco

Dear City of San Francisco Board of Supervisors,

I am writing to voice my support for LimeBike in San Francisco. I love using shared scooters in the City! They are an inexpensive and environmentally friendly way to get around the community.

Please ensure City regulations that preserve the ability of LimeBike to serve San Francisco.

Thank you for your consideration,  
Christina Truong  
1917 Grand Teton Dr  
Milpitas, CA 95035

---

**From:** Ozgur Dogan Ugurlu <oz.d.ugurlu@gmail.com>  
**Sent:** Wednesday, April 11, 2018 9:02 AM  
**To:** Board of Supervisors, (BOS)  
**Subject:** Letter of Support for Bird Scooters

Dear Supervisors,

I'm writing to inform you that I am very happy about the electric scooters popping up everywhere. It has made my commute so much better.

I live in the Mission and would normally walk to Bart through streets filled with human feces and used needles. Now I can skip all that and get to Bart a lot faster.

I heard that the city was looking to impose regulations that might take away the improved quality of life I've been enjoying for the last 2 weeks.

I kindly ask you to prioritize the aforementioned human feces and used needle problem over the scooters.

I understand that it might be a bigger undertaking but I'd like to point out that it's also a problem that needs a far more urgent solution.

Yours,  
Ozgur Dogan Ugurlu



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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 9:01 AM  
**To:** BOS-Supervisors  
**Subject:** FW: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

-----Original Message-----

From: F Hammer (kashmiri.sky@gmail.com) Sent You a Personal Message [mailto:automail@knowwho.com]  
Sent: Friday, April 13, 2018 1:31 AM  
To: Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
Subject: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

Dear Clerk of the San Francisco Board of Supervisors,

The San Francisco Bay Delta Estuary is in critical decline and we have a responsibility to take care of its fragile ecosystem. I'm writing to you, as someone who has or might have oversight responsibility for the San Francisco Public Utilities Commission (SFPUC), to ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

As you know, San Francisco gets the vast majority of its water from the Tuolumne by way of the Hetch Hetchy Reservoir. During the recent drought, San Francisco residents like me did our best to conserve water in order to protect the environment by allowing more water to flow down the Tuolumne River to the Delta. Sadly, our efforts did not help the river at all. Instead, the water we saved accumulated behind San Francisco Public Utility Commission reservoirs. At the height of the drought, the SFPUC had enough water in storage to last three years.

Then, last year, all of the water we conserved during the drought had to be "dumped" down the Tuolumne to prevent future flooding. Instead of benefiting fish and wildlife over the five drought years when they needed it most, it was all released in one season of excessive flows. This is just one example of SFPUC's disregard for the Delta.

The Bay Delta Water Quality Control Plan is a once-in-a-generation opportunity to revive the Bay-Delta and rivers that feed it, including the Tuolumne. The plan proposed by the State Water Board uses the "best possible unbiased science" to call for increased water flows. However, the SFPUC, aligned with Central Valley irrigation districts, has resisted the plan.

SFPUC's position does not reflect the sentiment of the Bay Area. In 2016, 77% of San Francisco voters were in favor of Measure AA, the San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure. And in 2014, the SF Board of Supervisors voted in favor of the protection of the health of the SF Bay-Delta Estuary.

I ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

Sincerely,

F Hammer  
1490 Chestnut St  
San Francisco, CA 94123  
kashmiri.sky@gmail.com

(415) 555-5555

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 8:21 AM  
**To:** BOS-Supervisors  
**Subject:** FW: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

-----Original Message-----

From: Helen Matosich (hmatosich@presentationmh.org) Sent You a Personal Message [mailto:automail@knowwho.com]  
Sent: Tuesday, April 10, 2018 1:59 PM  
To: Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
Subject: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

Dear Clerk of the San Francisco Board of Supervisors,

The San Francisco Bay Delta Estuary is in critical decline and we have a responsibility to take care of its fragile ecosystem. I'm writing to you, as someone who has or might have oversight responsibility for the San Francisco Public Utilities Commission (SFPUC), to ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

As you know, San Francisco gets the vast majority of its water from the Tuolumne by way of the Hetch Hetchy Reservoir. During the recent drought, San Francisco residents like me did our best to conserve water in order to protect the environment by allowing more water to flow down the Tuolumne River to the Delta. Sadly, our efforts did not help the river at all. Instead, the water we saved accumulated behind San Francisco Public Utility Commission reservoirs. At the height of the drought, the SFPUC had enough water in storage to last three years.

Then, last year, all of the water we conserved during the drought had to be "dumped" down the Tuolumne to prevent future flooding. Instead of benefiting fish and wildlife over the five drought years when they needed it most, it was all released in one season of excessive flows. This is just one example of SFPUC's disregard for the Delta.

The Bay Delta Water Quality Control Plan is a once-in-a-generation opportunity to revive the Bay-Delta and rivers that feed it, including the Tuolumne. The plan proposed by the State Water Board uses the "best possible unbiased science" to call for increased water flows. However, the SFPUC, aligned with Central Valley irrigation districts, has resisted the plan.

SFPUC's position does not reflect the sentiment of the Bay Area. In 2016, 77% of San Francisco voters were in favor of Measure AA, the San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure. And in 2014, the SF Board of Supervisors voted in favor of the protection of the health of the SF Bay-Delta Estuary.

I ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

Sincerely,

Helen Matosich  
2340 Turk Blvd  
San Francisco, CA 94118

hmatosich@presentationmh.org  
(415) 752-1601

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:38 PM  
**To:** BOS-Supervisors  
**Subject:** FW: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

-----Original Message-----

From: Corinne Gentile (corinne.gentile@gmail.com) Sent You a Personal Message [mailto:automail@knowwho.com]  
Sent: Thursday, April 12, 2018 11:31 AM  
To: Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
Subject: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

Dear Clerk of the San Francisco Board of Supervisors,

The San Francisco Bay Delta Estuary is in critical decline and we have a responsibility to take care of its fragile ecosystem. I'm writing to you, as someone who has or might have oversight responsibility for the San Francisco Public Utilities Commission (SFPUC), to ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

As you know, San Francisco gets the vast majority of its water from the Tuolumne by way of the Hetch Hetchy Reservoir. During the recent drought, San Francisco residents like me did our best to conserve water in order to protect the environment by allowing more water to flow down the Tuolumne River to the Delta. Sadly, our efforts did not help the river at all. Instead, the water we saved accumulated behind San Francisco Public Utility Commission reservoirs. At the height of the drought, the SFPUC had enough water in storage to last three years.

Then, last year, all of the water we conserved during the drought had to be "dumped" down the Tuolumne to prevent future flooding. Instead of benefiting fish and wildlife over the five drought years when they needed it most, it was all released in one season of excessive flows. This is just one example of SFPUC's disregard for the Delta.

The Bay Delta Water Quality Control Plan is a once-in-a-generation opportunity to revive the Bay-Delta and rivers that feed it, including the Tuolumne. The plan proposed by the State Water Board uses the "best possible unbiased science" to call for increased water flows. However, the SFPUC, aligned with Central Valley irrigation districts, has resisted the plan.

SFPUC's position does not reflect the sentiment of the Bay Area. In 2016, 77% of San Francisco voters were in favor of Measure AA, the San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure. And in 2014, the SF Board of Supervisors voted in favor of the protection of the health of the SF Bay-Delta Estuary.

I ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

Sincerely,

Corinne Gentile  
1930 Taraval St Apt 6  
San Francisco, CA 94116  
corinne.gentile@gmail.com

(954) 873-0890

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:36 PM  
**To:** BOS-Supervisors  
**Subject:** FW: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

-----Original Message-----

From: Sean Smith (mustermurk@yahoo.com) Sent You a Personal Message [mailto:automail@knowwho.com]  
Sent: Friday, April 13, 2018 3:16 PM  
To: Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
Subject: Help SFPUC Be a Better Steward of SF Bay Delta and Tuolumne River

Dear Clerk of the San Francisco Board of Supervisors,

The San Francisco Bay Delta Estuary is in critical decline and we have a responsibility to take care of its fragile ecosystem. I'm writing to you, as someone who has or might have oversight responsibility for the San Francisco Public Utilities Commission (SFPUC), to ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

As you know, San Francisco gets the vast majority of its water from the Tuolumne by way of the Hetch Hetchy Reservoir. During the recent drought, San Francisco residents like me did our best to conserve water in order to protect the environment by allowing more water to flow down the Tuolumne River to the Delta. Sadly, our efforts did not help the river at all. Instead, the water we saved accumulated behind San Francisco Public Utility Commission reservoirs. At the height of the drought, the SFPUC had enough water in storage to last three years.

Then, last year, all of the water we conserved during the drought had to be "dumped" down the Tuolumne to prevent future flooding. Instead of benefiting fish and wildlife over the five drought years when they needed it most, it was all released in one season of excessive flows. This is just one example of SFPUC's disregard for the Delta.

The Bay Delta Water Quality Control Plan is a once-in-a-generation opportunity to revive the Bay-Delta and rivers that feed it, including the Tuolumne. The plan proposed by the State Water Board uses the "best possible unbiased science" to call for increased water flows. However, the SFPUC, aligned with Central Valley irrigation districts, has resisted the plan.

SFPUC's position does not reflect the sentiment of the Bay Area. In 2016, 77% of San Francisco voters were in favor of Measure AA, the San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure. And in 2014, the SF Board of Supervisors voted in favor of the protection of the health of the SF Bay-Delta Estuary.

I ask that you do everything in your power to make sure that the SFPUC becomes a better steward of SF Bay Delta and the Tuolumne River.

Sincerely,

Sean Smith  
825 Bush St Apt 303  
San Francisco, CA 94108  
mustermurk@yahoo.com

(415) 864-4671

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 8:14 AM  
**To:** BOS-Supervisors  
**Subject:** FW: Please remove Zuckerberg's name from SF General Hospital

---

**From:** Mackowsky [mailto:mackowsky@earthlink.net]  
**Sent:** Monday, April 09, 2018 1:41 PM  
**To:** info@sfgfh.org; Andrew, Brent (DPH) <brent.andrew@sfdph.org>; Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>; susan.ehrlich@ucsf.edu; susan.ehrlich@zuckerbergsanfranciscogeneral.org  
**Subject:** Please remove Zuckerberg's name from SF General Hospital

Zuckerberg gave a large donation by normal standards, true, but the amount was only a minuscule fraction of the income he makes from data mining, fake news sites, selling ads, and other sources that are detrimental to our society. He has ignored calls to protect our data for years, including not following through on a consent agreement he made with the FTC in 2011.

This was not the naive mistake he is trying to present. It is greed and disregard for the public and our privacy. He does not deserve to have our world-class hospital bear his name. He should not be able to buy our hospital or its goodwill and so cheaply for him at that.

Here are just two articles you can read in case you are naive enough to believe Zuckerberg's apologies. Do your research and return pride to our hospital by removing his name the addition of which was always ill-advised, but is now shameful. If he and Dr. Chan care about the hospital, they should willingly donate without splashing their name around.

<http://fortune.com/2018/03/29/cambridge-analytica-facebook-scandal/>

<https://www.aclu.org/blog/privacy-technology/internet-privacy/8-questions-members-congress-should-ask-mark-zuckerberg>

I know I am not the only one who feels this way and expect the calls to remove his name to grow louder and more persistent. As a longtime SF resident and voter, I am asking that do the right thing now and remove Zuckerberg's name from our hospital.

Thank you,  
Nancy Mackowsky

Sent from my iPad



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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 09, 2018 12:54 PM  
**To:** BOS-Supervisors; Somera, Alisa (BOS); Major, Erica (BOS); Young, Victor  
**Subject:** FW: Biodiversity resolution

---

**From:** Raisa C [mailto:raichonok@yahoo.com]  
**Sent:** Monday, April 09, 2018 12:46 PM  
**Cc:** Breed, London (BOS) <london.breed@sfgov.org>; Cohen, Malia (BOS) <malia.cohen@sfgov.org>; Farrell, Mark (MYR) <mark.farrell@sfgov.org>; Fewer, Sandra (BOS) <sandra.fewer@sfgov.org>; Peskin, Aaron (BOS) <aaron.peskin@sfgov.org>; Ronen, Hillary <hillary.ronen@sfgov.org>; Sheehy, Jeff (BOS) <jeff.sheehy@sfgov.org>; Stefani, Catherine (BOS) <catherine.stefani@sfgov.org>; Yee, Norman (BOS) <norman.yee@sfgov.org>  
**Subject:** Biodiversity resolution

Subject: 4-9-2018, Biodiversity resolution

To:  
[Board.of.Supervisors@sfgov.org](mailto:Board.of.Supervisors@sfgov.org)  
[jane.kim@sfgov.org](mailto:jane.kim@sfgov.org)  
[Ahsha.Safai@sfgov.org](mailto:Ahsha.Safai@sfgov.org)  
[Katy.Tang@sfgov.org](mailto:Katy.Tang@sfgov.org)

CC:  
[London.Breed@sfgov.org](mailto:London.Breed@sfgov.org)  
[malia.cohen@sfgov.org](mailto:malia.cohen@sfgov.org)  
[mark.farrell@sfgov.org](mailto:mark.farrell@sfgov.org)  
[Sandra.Fewer@sfgov.org](mailto:Sandra.Fewer@sfgov.org)  
[Aaron.Peskin@sfgov.org](mailto:Aaron.Peskin@sfgov.org)  
[Hillary.Ronen@sfgov.org](mailto:Hillary.Ronen@sfgov.org)  
[jeff.sheehy@sfgov.org](mailto:jeff.sheehy@sfgov.org)  
[Catherine.Stefani@sfgov.org](mailto:Catherine.Stefani@sfgov.org)  
[Norman.Yee@sfgov.org](mailto:Norman.Yee@sfgov.org)

Dear Supervisors,

Please reject the proposed Biodiversity Resolution.

It talks about "strong action on climate change", "local climate mitigation and adaptation", dangers of pollutants, "conservation of natural resources" while lauding the Natural Resources Management Plan which proposes to cut 18,500 trees on the city parkland and expand the (already unacceptable) use of high toxicity herbicides.

The Natural Resources Management Plan was adopted (at the price of more than \$2,000,000 just in consultants fees) after years of protests by the residents who would be most impacted by proposed deforestation and herbicide applications, as well as the West side neighborhood organizations. It also promotes the flawed "native" concept to the detriment of our environment.

Large, healthy trees, regardless of their point of origin, promote significant carbon sequestration (absorption and retention of carbon) in face of climate change. Healthy forests stabilize terrain, reduce erosion and landslides, maintain water table levels, and absorb air pollution.

Eradication of plants through the repeated and heavy application of herbicides is detrimental to the environment. Herbicides are toxic to people, pets, wildlife, and plants.

Those points have to be present in the real biodiversity resolution - but they never are in the "green" city of San Francisco.

The proposed Resolution also creates an expensive new bureaucracy - it is bad for the taxpayers.

Please include this email into the meeting minutes.

Sincerely,  
Raisa Chudnovskaya

Link to a video of recent "biodiversity" work on Mt. Davidson:

<https://www.youtube.com/watch?v=z1NB6VJNNAY&feature=youtu.be>

Aquamaster (glyphosate), Garlon (triclopyr), Milestone (amynopiralyd) - all highly toxic - were the "biodiversity" tools.



---

**From:** Board of Supervisors, (BOS)  
**Sent:** Thursday, April 12, 2018 1:53 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Biodiversity Resolution - Tue April 17th BOS Meeting

---

**From:** Trahan, Kelley (LIB)  
**Sent:** Thursday, April 12, 2018 10:38 AM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** Biodiversity Resolution - Tue April 17th BOS Meeting

Board of Supervisors,

My name is Kelley Trahan and I manage the Environmental Center at the San Francisco Public Library. Each day I have the privilege of serving Library patrons who care deeply for the environment.

The Library is proud to support this biodiversity policy and its vision to connect all San Franciscans to nature and to inspire stewardship of our unique natural heritage. While San Francisco's biodiversity is impressive, we know it faces significant challenges.

The Library's vision includes the provision of free and equal access to information for our diverse community. As part of this vision, the Library is excited to continue our partnership with the Department of the Environment to bring information to the public and to provide educational programs to help preserve, restore and enhance nature where we live for ourselves and generations to come.

Thank you,  
Kelley Trahan

Kelley Trahan  
Wallace Stegner Environmental Center Librarian  
Government Information Center  
[San Francisco Public Library](#)  
100 Larkin Street, San Francisco CA 94102

tel. 415-557-4494  
[kelly.trahan@sfpl.org](mailto:kelly.trahan@sfpl.org)

**[Sign up for my newsletter](#)**





inspiring people to protect  
Bay Area birds since 1917

BOS-11  
LU Clerk  
File: 180161

April 4, 2018

Via email and U.S. Mail

Supervisors Katy Tang, Jane Kim and Ahsha Safai  
c/o Clerk of the Land Use Committee  
1 Dr. Carlton B. Goodlett Place, Room 244  
San Francisco, CA 94102

Jane.Kim@sfgov.org  
Ahsha.Safai@sfgov.org  
Katy.Tang@sfgov.org

REC'D  
BOARD OF SUPERVISORS  
SAN FRANCISCO  
2018 APR 10 PM 3:01  
BY [Signature]

**Re: April 9, 2018 Biodiversity Resolution – Support**

Dear Supervisors;

Thank you for this opportunity to comment on San Francisco's citywide biodiversity goals and the Department of the Environment's role in support of these goals.

Golden Gate Audubon engages people to experience the wonder of birds and translate that wonder into action; and protect native bird populations and their habitats. Golden Gate Audubon has been connecting people with birds and their habitat and protecting our local environment for over 100 years.

Over 460 bird species rely on San Francisco either as winter habitat, a valuable resting area during migration, or as important forage, roosting, and nesting habitat. San Francisco is in the midst of the Pacific Flyway, one of the major migratory routes for birds. San Francisco Bay is recognized a site of hemispheric importance for shorebirds. At this point in history we are challenged to protect our environment and natural heritage despite increasing urban density and climate change

Golden Gate Audubon supports biodiversity and encourages the San Francisco Board of Supervisors to endorse this resolution and the biodiversity leadership of the Department of the Environment with other City departments through their strategies and programs.

Sincerely,

  
Cindy Margulis

Executive Ddirector



---

**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 9:20 AM  
**To:** BOS-Supervisors  
**Subject:** FW: I SUPPORT Golden Gate Park TENNIS Club (GGPTC) Renovation

**From:** Mark Britschgi [mailto:mark.britschgi@gmail.com]  
**Sent:** Monday, April 16, 2018 9:00 AM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Cc:** Kim, Jane (BOS) <jane.kim@sfgov.org>; Breed, London (BOS) <london.breed@sfgov.org>; Fewer, Sandra (BOS) <sandra.fewer@sfgov.org>; Farrell, Mark (MYR) <mark.farrell@sfgov.org>  
**Subject:** RE: I SUPPORT Golden Gate Park TENNIS Club (GGPTC) Renovation

Greetings All,

Please support the proposed Golden Gate Park Tennis Club Renovation. I am an avid Tennis Player and have enjoyed the now sub-par facility for the past 15 years, but it is high time the City supports Tennis in San Francisco in a bigger way! The new Courts at Dolores park are great, but too few and not centrally located. SF is World Class City - it's about time we have a World Class Tennis Facility in the park! SFTC/Bay Club is going away to Condo development so that will be cutting a dozen or more courts soon. More important now than ever that existing tennis courts in SF are maintained well.

While I have your attention, I am a Voter and 25 year City Resident. This City has just about GONE TO the DOGS in my opinion. It's DIRTY, CONGESTED, and overrun with HOMELESS. Future Mayor's Kim or Breed PLEASE get tough on these three issues! Regulate UBER (They add thousands of Cars to the City Streets!). Put the needed money towards Street Clean Up. And enough is enough on letting the HOMELESS do whatever the heck they want.

Thank you,

Mark

Mark Britschgi  
1790 Jackson Street, #301  
SF, CA 94109

415.794.6180

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:38 PM  
**To:** BOS-Supervisors  
**Subject:** FW: I support GGPTC!

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**From:** Olive Maunupau [mailto:olivem2016@gmail.com]  
**Sent:** Thursday, April 12, 2018 1:57 PM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Cc:** Fewer, Sandra (BOS) <sandra.fewer@sfgov.org>; Kim, Jane (BOS) <jane.kim@sfgov.org>; Breed, London (BOS) <london.breed@sfgov.org>  
**Subject:** I support GGPTC!

Dear Supervisors,

I am writing to express my strong support for the [Golden Gate Park](#) Tennis Center (GGPTC) renovation project because I believe in its mission to create a vibrant, inclusive hub of public tennis that's open to all ages, abilities and backgrounds. I have been playing at Golden Gate Park ever since I could hold a racquet. MY dad is a tennis pro there, my mom works at a different tennis club and my sister and I love the game, we've been surrounded by tennis in Golden Gate Park ever since we were a baby. I have made some of my closest friends there and I it is like a home away from home for me.

The [Golden Gate Park](#) Tennis Center is located in the very heart of the City of San Francisco and with its remarkable history and a beautiful vision for the future, it is uniquely situated to become one of our City's most treasured recreational resources. **The proposed plans for GGPTC will extend playable hours, provide more tennis access for youth, increase diverse recreation, and foster a community gathering space.**

A renovated GGPTC will provide a larger, accessible public clubhouse that will have the ability to accommodate more robust programming and provide enhanced services to players and viewers alike. The tennis courts will be restructured to repair 100 year-old drainage issues and increase spacing between courts, greatly improving playability. With the much-anticipated addition of lights for nighttime play, the [Golden Gate Park](#) Tennis Center will see a net increase of over 20,000 playable hours per year.

It will be a wonderful thing for San Franciscans to have access to this updated beautiful public facility in [Golden Gate Park](#). I enthusiastically support this project and hope you will too.

Sincerely,

Olive Maunupau  
372 19th Ave





RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO

# The Police Commission

CITY AND COUNTY OF SAN FRANCISCO

APR 12 2018 AM 9:21

BY \_\_\_\_\_

AK

April 9, 2018

Honorable Mayor Mark Farrell  
City Hall, Room 200  
San Francisco, CA 94103

Honorable Board of Supervisors  
City Hall, Room 244  
San Francisco, CA 94103

L. JULIUS M. TURMAN  
President

THOMAS MAZZUCCO  
Vice President

DR. JOE MARSHALL  
Commissioner

PETRA DeJESUS  
Commissioner

SONIA MELARA  
Commissioner

BILL ONG HING  
Commissioner

ROBERT M. HIRSCH  
Commissioner

Sergeant Rachael Kilshaw  
Secretary

Dear Honorable Mayor Farrell and Honorable Board of Supervisors:

At the meeting of the Police Commission on Wednesday, April 4, 2018, the following resolution was adopted:

## RESOLUTION NO. 18-16

**RESOLUTION IN SUPPORT OF THE YOUTH JUSTICE REFORM URGING THE MAYOR AND THE BOARD OF SUPERVISORS TO REDUCE THE IMPRISONMENT OF TRANSITIONAL AGE YOUTH, IMPLEMENT ALTERNATIVES TO INCARCERATION FOR TRANSITIONAL AGED YOUTH, REJECT ANY FUNDING FOR MAJOR RENOVATION, REOPENING, OR CONSTRUCTION OF JAIL FACILITIES, AND INSTEAD INVEST IN PROGRAMMING SUPPORTING AT-RISK TRANSITIONAL AGED YOUTH AND POSITIVE YOUTH DEVELOPMENT**

RESOLVED, that the Police Commission is in support of the Youth Justice Reform urging the Mayor and the Board of Supervisors to reduce the imprisonment of transitional age youth, implement alternatives to incarceration for transitional aged youth, reject any funding for major renovation, reopening, or construction of jail facilities, and instead invest in programming supporting at-risk transitional aged youth and positive youth development.

AYES: Commissioners Mazzucco, Marshall, DeJesus, Melara, Hirsch  
ABSENT: Commissioner Turman

Very truly yours,

Sergeant Rachael Kilshaw  
Secretary  
San Francisco Police Commission

949/rct

cc: Youth Commission

BOS-11





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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:37 PM  
**To:** BOS-Supervisors  
**Subject:** FW: Beach Chalet Soccer Fields

-----Original Message-----

From: David Romano [mailto:droma4@gmail.com]  
Sent: Thursday, April 12, 2018 3:27 PM  
To: Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>; MayorMarkFarrell (MYR) <mayormarkfarrell@sfgov.org>  
Cc: SF Ocean Edge <sfoceanedge@earthlink.net>  
Subject: Beach Chalet Soccer Fields

Dear Supervisors and Mayor Farrell:

Plastic debris is killing the very foundation of our food chain. Stop synthetic turf! Please go to the below website for more information

<http://www.safehealthyplayingfields.org/>

David Romano  
San Francisco

David Romano  
droma4@gmail.com



9/29/2017

(5541 unread) - fungwcamanda@yahoo.com - Yahoo Mail

TO: CITY OF SAN FRANCISCO

WE, THE BUSINESS OWNERS OF BROADWAY IN THE CITY, HEREBY FILE A PETITION TO COMPLAINT THE ROADWORK PROJECTS OPERATING BY THE CITY BRINGING NEGATIVE EFFECTS TO OUR BUSINESS. WE ALL KNOW THAT RUNNING A BUSINESS IS NOW QUITE DIFFICULT IN THE CITY DUE TO THE HIGH COSTS IN EMPLOYEE'S WAGES, MATERIALS, RENT AND OTHER RELATIVES COSTS, WHILE WE ARE STRUGGLING THESE CHANGES TO SURVIVE OUR BUSINESS, THE ROADWORK PROJECTS IS UNDOUBTEDLY AGGRAVATE OUR BUSINESS, THESE BAD INFLUENCES INCLUDE PARKING VIOLATION, THE DUSTY ENVIRONMENT, THE NOISY SOUNDS, THE BAD SMELL ,THE TRAFFIC PROBLEMS AND SO ON. ALL OF THIS PROBLEM



悅利海鮮酒家

---

YUET LEE SEAFOOD RESTAURANT

Open Sun. - Thur. 11 am - 12 am  
Fri. & Sat. 11 am - 3 am  
Closed Tuesday

1300 STOCKTON STREET  
SAN FRANCISCO, CA 94133

TEL: (415) 982-6020  
FAX: (415) 421-8662

13



We, the business owners of Broadway Street and North Beach in the city, hereby file a petition of complaint against the roadwork projects operating by the City of San Francisco that are bringing negative effects to our businesses. We all know that running a business is increasingly difficult in San Francisco due to the high costs in employees' wages, materials, rent, and other relative costs. While we are all struggling to adhere to these changes to survive in our respective businesses, the roadwork projects are undoubtedly aggravating to our environment; **These include: The sparse amount of street parking, the increase of parking violations, the hazardous dust in the air, the extreme noise, the strong odor of building materials, the traffic going down a very busy street, and the list goes on.** All of these problems prevent customers and tourists from walking into this area, causing a major decrease in consumption, entertainment, and purchases. San Francisco is known as a busy and exciting destination, but this circumstance has caused a significant decrease in foot traffic and this is mostly evident during the summer season. Our businesses are currently at the risk of loss, and even worse, closure. Therefore, we are highly requesting the City of San Francisco take our difficulties into consideration and find an appropriate solution immediately. **We can wait, but our businesses cannot.**

百老匯街北岸區因政府工程抗議賠償...請簽名

468 COLUMBUS AV.  
WELLS FARGO BANK

74 COLUMBUS AV.  
2 esplanade

80 COLUMBUS AV.  
MILK OF THE WEST

522 STOCKTON ST.  
NBR.

348 Calachis Al.  
P of Owl



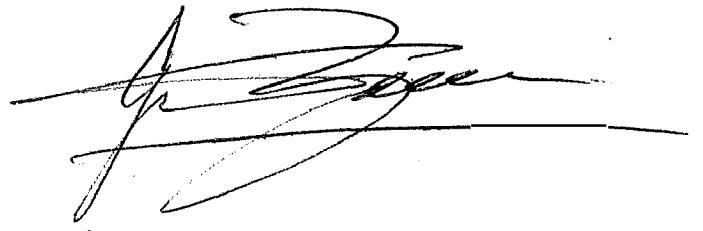




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百老匯街北岸區因政府工程抗議賠償...請簽名

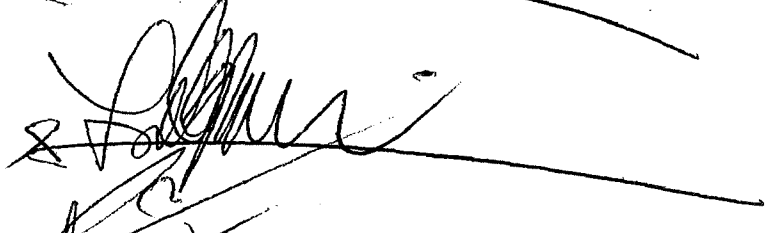
401 COLUMBUS AV  
TRATTORIA PINOCCHIO



AL'S ATTIRE  
1318 GRAND AVE  
DIP LLC

M. Khoury

1327 GRAND  
1336 GRAND



MAGGIE MCGARRY'S  
1353 Grant  
calzone 430 Columbus

Margaret McGarry  
Jen O'Byrne



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百老匯街北岸區因政府工程抗議賠償...請簽名

627 VALLEJO ST SF CA 94133

~~NOEL ESPERITY~~

373 MOLINARI DEL COLUMBUS AV. SF CA 94133

JOE MUSTAEN: Franca Crivello

1418. Stockton ST. SF. Robert

1437 Stockton ST SF SHE AS A LOTS OF PICTURES CHEN OIPING  
415. 994-5813

507 Columbus Ave, Malik Zogha



We, the business owners of Broadway Street and North Beach in the city, hereby file a petition of complaint against the roadwork projects operating by the City of San Francisco that are bringing negative effects to our businesses. We all know that running a business is increasingly difficult in San Francisco due to the high costs in employees' wages, materials, rent, and other relative costs. While we are all struggling to adhere to these changes to survive in our respective businesses, the roadwork projects are undoubtedly aggravating to our environment; **These include: The sparse amount of street parking, the increase of parking violations, the hazardous dust in the air, the extreme noise, the strong odor of building materials, the traffic going down a very busy street, and the list goes on.** All of these problems prevent customers and tourists from walking into this area, causing a major decrease in consumption, entertainment, and purchases. San Francisco is known as a busy and exciting destination, but this circumstance has caused a significant decrease in foot traffic and this is mostly evident during the summer season. Our businesses are currently at the risk of loss, and even worse, closure. Therefore, we are highly requesting the City of San Francisco take our difficulties into consideration and find an appropriate solution immediately. **We can wait, but our businesses cannot.**

百老匯街北岸區因政府工程抗議賠償...請簽名

Koranko 333 COLUMBUS AVE  
353 Columbus Ave

Lawrence Reed  
347 Columbus

358 Columbus Ave

366 COLUMBUS AVE

734 VALLEJO ST

378 Columbus Ave

644 Broadway

203 Columbus Ave



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百老匯街北岸區因政府工程抗議賠償...請簽名

~~ROY CHAN~~  
 638 BROADWAY ST. SF CA 94133 - ~~ROY CHAN~~  
 Mary Nguyen TR & T Cafe 601 Broadway, SF  
 WOI BUI TANG 684 BROADWAY Lucky Newspaper  
 SAM YU YUET LEE 1340 SPRING ST.  
 HENRY CHEN 671 - BROADWAY ST. S.F. CA 94133  
 Eric Huang 674 Broadway Cafe Broadway  
 KENNETH LAU 1262 STOCKTON ST. SF  
 Chris Van NGUYEN 626 Broadway ST SF, CA 94133  
 Raymond Ouyang 606 Broadway ST SF NEWSMARKET  
 Emma Halloran 303 Columbus Ave Bakal Diner  
 Wendy Huang 678 Broadway S.F. 94133





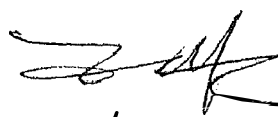

9/29/2017


TO: CITY OF SAN FRANCISCO

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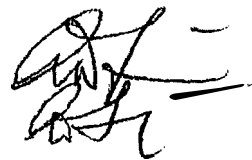
TRUELY YOURS

ALL BUSINESS OWNERS IN BROADWAY AREA

Cafe Broadway   
Goodview Trading 

  
Best Food JENNIFER LAN  
KUM LUEN MARLE VOGT


PANG KEE PANG LAM  
684 BROADWAY ST Newmarket  
Broadway Dim. Sun. 684.  
900 Stockton St. S.F. CA 94133  
1240 Stockton St. S.F. CA 94133






We, the business owners of Broadway Street and North Beach in the city, hereby file a petition of complaint against the roadwork projects operating by the City of San Francisco that are bringing negative effects to our businesses. We all know that running a business is increasingly difficult in San Francisco due to the high costs in employees' wages, materials, rent, and other relative costs. While we are all struggling to adhere to these changes to survive in our respective businesses, the roadwork projects are undoubtedly aggravating to our environment; **These include: The sparse amount of street parking, the increase of parking violations, the hazardous dust in the air, the extreme noise, the strong odor of building materials, the traffic going down a very busy street, and the list goes on.** All of these problems prevent customers and tourists from walking into this area, causing a major decrease in consumption, entertainment, and purchases. San Francisco is known as a busy and exciting destination, but this circumstance has caused a significant decrease in foot traffic and this is mostly evident during the summer season. Our businesses are currently at the risk of loss, and even worse, closure. Therefore, we are highly requesting the City of San Francisco take our difficulties into consideration and find an appropriate solution immediately. **We can wait, but our businesses cannot.**


百老匯街北岸區因政府工程抗議賠償...請簽名


816 Stockton St. 


1429 Stockton St. Firenze By Night  
x ~~Nadia~~

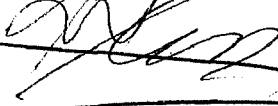
1400 Stockton St. 

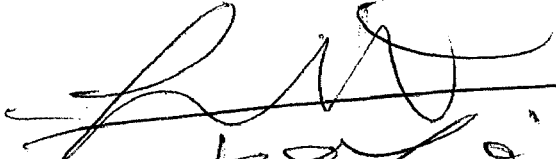
LITTLE CITY MARKET x ~~Michael Spinali~~ Ronald Spinali

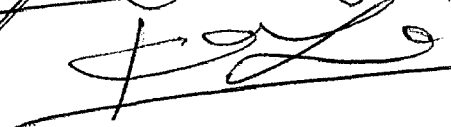
411 Columbus Ave. Caffe Pecini 

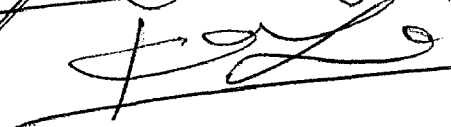
420 Columbus Ave. Carzones 

414 Columbus Ave. USA   
New Allerts

446 Columbus Ave. CAFE   
STELLA

450 Columbus Ave. 

A2 MARKET 

154 Columbus Ave. 



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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:41 PM  
**To:** Carroll, John (BOS)  
**Subject:** FW: State Senate Bill 827

-----Original Message-----

From: Inge Borgstedt Nevins [mailto:nevins47@gmail.com]  
Sent: Wednesday, April 11, 2018 10:27 AM  
To: Kim, Jane (BOS) <jane.kim@sfgov.org>; Tang, Katy (BOS) <katy.tang@sfgov.org>; Safai, Ahsha (BOS) <ahsha.safai@sfgov.org>; Yee, Norman (BOS) <norman.yee@sfgov.org>; Stefani, Catherine (BOS) <catherine.stefani@sfgov.org>; Cohen, Malia (BOS) <malia.cohen@sfgov.org>; Fewer, Sandra (BOS) <sandra.fewer@sfgov.org>; Breed, London (BOS) <london.breed@sfgov.org>; Peskin, Aaron (BOS) <aaron.peskin@sfgov.org>; Sheehy, Jeff (BOS) <jeff.sheehy@sfgov.org>; Ronen, Hillary <hillary.ronen@sfgov.org>; Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
Subject: State Senate Bill 827

Dear Supervisors,

My name is Inge Nevins, a San Francisco resident and voter. I urge you to pass a resolution to oppose State Senate Bill 827. Please flatly oppose the Bill, NOT seek to amend it.

Even with amendments, the Bill would transfer power to the State to decide important land use matters for our City. I can think of no reason that any of you should want to turn over to the State those kinds of powers.

Thank you.

Inge Nevins

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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 9:20 AM  
**To:** BOS-Supervisors  
**Subject:** FW: SB827

-----Original Message-----

**From:** Lucy Carrera [mailto:lucytriple@yahoo.com]  
**Sent:** Monday, April 16, 2018 9:03 AM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** SB827

I oppose SB827. This legislation will do nothing but ratchet open the already existing hemorrhage that is washing away our low-income families and whole communities.

Analucia Carrera

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**From:** Nancy Wiltsek <nancywiltsek@gmail.com>  
**Sent:** Sunday, April 15, 2018 11:24 AM  
**To:** MayorMarkFarrell (MYR); senator.wiener@senate.ca.gov; Kim, Jane (BOS); Tang, Katy (BOS); Safai, Ahsha (BOS); Yee, Norman (BOS); Stefani, Catherine (BOS); Cohen, Malia (BOS); Fewer, Sandra (BOS); Breed, London (BOS); Peskin, Aaron (BOS); SheehyStaff (BOS); Ronen, Hillary; Board of Supervisors, (BOS); richhillissf@gmail.com; Melgar, Myrna (CPC); planning@rodneyfong.com; Koppel, Joel (CPC); Moore, Kathrin (CPC); Richards, Dennis (CPC); Secretary, Commissions (CPC); andrew@tefarch.com; aaron.hyland.hpc@gmail.com; ellen.hpc@ellenjohnckconsulting.com; RSEJohns@yahoo.com; dianematsuda@hotmail.com; jonathan.pearlman.hpc@gmail.com; Rodgers, AnMarie (CPC); gswooding@gmail.com; Dyanna.quizon@sfgov.org; Miller Hall, Ellie (BOS); info@sfmca.org  
**Subject:** STRONGLY OPPOSING SB 828 and SB 827

Dear Supervisors,

I am a third generation San Francisco resident and voter and strongly urge you to pass a resolution opposing SB 827 and SB 828, with or without amendments. I share many of my neighbors' concerns that if these bills are passed, we would lose local control over planning and housing.

We deserve better solutions to housing problems that are tailored to local needs and not one size fits all.

In my opinion, this is similar to the creation of the SFMTA, which ignores SF residents' needs and desires around transportation planning. These bills would have an even more catastrophic impact on San Francisco's future.

Thank you,

Nancy Wiltsek  
3607 Baker  
San Francisco







# San Francisco Water Power Sewer

Services of the San Francisco Public Utilities Commission

525 Golden Gate Avenue, 13th Floor  
San Francisco, CA 94102  
T 415.554.3155  
F 415.554.3161  
TTY 415.554.3488

April 11, 2018

Ms. Angela Calvillo  
Clerk of the Board of Supervisors  
City Hall, Room 244  
1 Dr. Carlton B. Goodlett Place  
San Francisco, CA 94102-4689

RE: Notice of SFPUC Adoption of CleanPowerSF Revised Schedule of Rates and Charges anticipated to be effective July 1, 2018

Dear Ms. Calvillo:

In accordance with section 8B.125 of the Charter of the City and County of San Francisco, the SFPUC "shall set rates, fees and other charges in connection with providing the utility services under its jurisdiction, subject to rejection – within 30 days of submission – by resolution of the Board of Supervisors. If the Board of Supervisors fails to act within 30 days the rates shall become effective without further action."

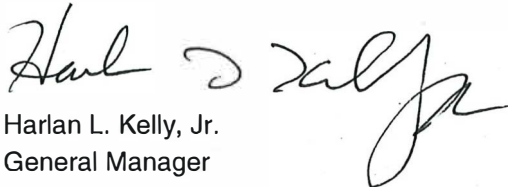
The SFPUC is submitting the attached San Francisco Public Utilities Commission's (SFPUC) rate resolution dated April 10, 2018, related to San Francisco CleanPowerSF Community Choice Aggregation Program rates and charges. The anticipated effective date of adopted rates and charges is July 1, 2018.

Please find attached documents related to this rate action by the Commission:

1. Resolution 18-0056 – SFPUC Agenda Item Adopting CleanPowerSF Rates and Charges

Should you have any questions, please contact Eric Sandler, SFPUC Chief Financial Officer, at 415-934-5707.

Sincerely,



Harlan L. Kelly, Jr.  
General Manager

Attachments: a/s

RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO  
2018 APR 12 AM 11:08  
BY [Signature]

**Mark Farrell**  
Mayor

**Ike Kwon**  
President

**Vince Courtney**  
Vice President

**Ann Moller Caen**  
Commissioner

**Francesca Vietor**  
Commissioner

**Anson Moran**  
Commissioner

**Harlan L. Kelly, Jr.**  
General Manager

**OUR MISSION:** To provide our customers with high-quality, efficient and reliable water, power and sewer services in a manner that values environmental and community interests and sustains the resources entrusted to our care.



110



**PUBLIC UTILITIES COMMISSION**  
City and County of San Francisco

RESOLUTION NO.: 18-0056

WHEREAS, The San Francisco Board of Supervisors established a Community Choice Aggregation (CCA) program in 2004 (Ordinance 86-04) and has implemented the program called CleanPowerSF through the work of the SFPUC in consultation with the San Francisco Local Agency Formation Commission (Ordinances 146-07, 147-07, and 232-09); and

WHEREAS, The complementary objectives of CleanPowerSF are to reduce greenhouse gas emissions, and to provide the City's energy consumers with renewable electricity supplies while remaining cost competitive with Pacific Gas and Electric Company's (PG&E) products, including, if approved after environmental review, the build-out of local energy resources such as energy efficiency and renewable power projects; and

WHEREAS, The SFPUC intends that CleanPowerSF retail rates be set to meet program operating costs, repay debt, meet financial targets for reserves and debt-service coverage ratios, and obligations pursuant to CleanPowerSF power supply contracts and credit agreements; and

WHEREAS, The proposed rates conform to the CleanPowerSF Rate Setting Policy and the Commission's Ratepayer Assurance Policy; and

WHEREAS, CleanPowerSF rates are proposed to be an estimated 2% below PG&E rates for its default electricity generation service based on PG&E's current rates, less pass-through customer charges including PG&E's Power Charge Indifference Adjustment (PCIA) and Franchise Fee Surcharge (FFS), and adjusted annually to the extent necessary to reflect changes to operational costs and changes to PG&E's rates for comparable products, less PG&E's PCIA and FFS charges; and

WHEREAS, Adjustments to the CleanPowerSF 100% renewable "SuperGreen" product premium are proposed to keep rates competitive with PG&E's Solar Choice product offering; and

WHEREAS, The proposed revisions in CleanPowerSF "Green" and "SuperGreen" rates are recommended to (1) support funding of CleanPowerSF's financial reserves complying with rate and debt service coverage ratios; and (2) meet or beat comparable PG&E rates in advance of launching the next major CleanPowerSF enrollment phase in July 2018, consistent with the Commission-adopted CleanPowerSF Phasing Policy; and

WHEREAS, The Termination Fees for residential and commercial customers are proposed to be \$0 during citywide enrollment through December 31, 2019; and

WHEREAS, PG&E's rates are authorized by the California Public Utilities Commission (CPUC); and

WHEREAS, The CPUC permits PG&E to levy the PCIA on the bills of customers who switch to CleanPowerSF, in order to recover PG&E's above market generation costs incurred prior to a customer's switch from its generation service; and

WHEREAS, The FFS is a surcharge imposed by PG&E on its customers to recover franchise fees charged by cities and counties; and

WHEREAS, Pursuant to Charter Section 16.112, a Notice of hearing on the proposal to adopt a schedule of rates was published in the official newspaper on March 11<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 18<sup>th</sup> and 21<sup>st</sup>, 2018, and posted on the SFPUC website and at the San Francisco Public Library, as required, for a public hearing on April 10, 2018; and

WHEREAS, Charter section 8B.125 requires the Commission to set rates and charges, subject to rejection by the Board of Supervisors, within 30 days of submission; and

WHEREAS, On March 26, 2018, the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges); now, therefore, be it

RESOLVED, This Commission hereby sets the rates and charges as presented in Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges and Exhibit 2: CleanPowerSF Termination Fees, both attached hereto and both to take effect on July 1, 2018 and to remain in effect until replaced or revised; and be it

FURTHER RESOLVED, Effective July 1, 2018, and each successive July 1 thereafter, the General Manager is authorized to adjust rates not otherwise adjusted by Commission action by the annual percentage change in the Consumer Price Index (CPI) for All Urban Consumers for San Francisco-Oakland-San Jose published by the U.S. Bureau of Labor Statistics (for the twelve months ended December 31 in the calendar year preceding the year during which the rates will be effective); and be it

FURTHER RESOLVED, This Commission directs the General Manager to conduct a cost-of-service review concurrent with the standard Power Enterprise cost of service review no less than every five years and propose revised rates, as required by Charter Section 8B.125; and be it

FURTHER RESOLVED, That all other necessary rate adjustments will be conducted consistent with the process established by Charter Section 8B.125; and be it

FURTHER RESOLVED, This Commission hereby finds that adoption of this resolution will establish rates for the purpose of meeting operating expenses, including the recovery of program reserves and allow for CleanPowerSF to be financially stable, and that adoption of the resolution is exempt from environmental review requirements in accordance with California Public Resource Code Section 21080(b)(8); and be it

FURTHER RESOLVED, This Commission directs the General Manager to submit these rates and charges to the Board of Supervisors, as required by Charter Section 8B.125.

*I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of April 10, 2018.*



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Secretary, Public Utilities Commission

**Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges  
Effective July 1, 2018**

| Tariff Title   | Applies To Customers on Following PG&E Rate Schedules | Season     | Hours Applied      | PG&E Generation Rate (\$)<br>(March 1, 2018) | PCIA & Franchise Fee | Green Rate (\$) | SuperGreen Rate (\$) | Billing Determinant |
|--|---|------------|--------------------|--|----------------------|-----------------|----------------------|---------------------|
| Non-Time of Use Residential (E-1)                                  | E1, E1L, EM, EML, ES, ESL, ESR, ESRL, ET, and ETL     | Year round | All hours          | 0.10780                                      | 0.03401              | 0.07163         | 0.08663              | kWh                 |
| Residential Time of Use (1) (E-6)                                  | E-6   | Summer     | Peak               | 0.23774                                      | 0.03401              | 0.19898         | 0.21398              | kWh                 |
|  |   |            | Part Peak          | 0.12489                                      | 0.03401              | 0.08838         | 0.10338              | kWh                 |
|  |   |            | Off Peak           | 0.07883                                      | 0.03401              | 0.04324         | 0.05824              | kWh                 |
|  |   | Winter     | Part Peak          | 0.10440                                      | 0.03401              | 0.06830         | 0.08330              | kWh                 |
|  |   |            | Off Peak           | 0.09173                                      | 0.03401              | 0.05589         | 0.07089              | kWh                 |
|  |   |            | Peak               | 0.19050                                      | 0.03401              | 0.15268         | 0.16768              | kWh                 |
| Residential Time of Use A (E-TOUA)                                 | E-TOUA  | Summer     | Off Peak           | 0.11493                                      | 0.03401              | 0.07862         | 0.09362              | kWh                 |
|  |   |            | Peak               | 0.10316                                      | 0.03401              | 0.06709         | 0.08209              | kWh                 |
|  |   |            | Off Peak           | 0.08887                                      | 0.03401              | 0.05308         | 0.06808              | kWh                 |
|  |   | Winter     | Peak               | 0.21238                                      | 0.03401              | 0.17412         | 0.18912              | kWh                 |
|  |   |            | Off Peak           | 0.10932                                      | 0.03401              | 0.07312         | 0.08812              | kWh                 |
|  |   |            | Peak               | 0.10554                                      | 0.03401              | 0.06942         | 0.08442              | kWh                 |
| Residential Time of Use B (E-TOUB)                                 | E-TOUB  | Summer     | Off Peak           | 0.08674                                      | 0.03401              | 0.05100         | 0.06600              | kWh                 |
|  |   |            | Peak               | 0.16645                                      | 0.03401              | 0.12911         | 0.14411              | kWh                 |
|  |   |            | Off Peak           | 0.10301                                      | 0.03401              | 0.06694         | 0.08194              | kWh                 |
|  |   | Winter     | Peak               | 0.10999                                      | 0.03401              | 0.07378         | 0.08878              | kWh                 |
|  |   |            | Off Peak           | 0.09266                                      | 0.03401              | 0.05680         | 0.07180              | kWh                 |
|  |   |            | Peak               | 0.24674                                      | 0.03401              | 0.20780         | 0.22280              | kWh                 |
| Electric Vehicle Time-of-Use Service (EV)                          | EVA, EVB  | Summer     | Part Peak          | 0.11891                                      | 0.03401              | 0.08252         | 0.09752              | kWh                 |
|  |   |            | Off Peak           | 0.05976                                      | 0.03401              | 0.02455         | 0.03955              | kWh                 |
|  |   |            | Peak               | 0.09220                                      | 0.03401              | 0.05635         | 0.07135              | kWh                 |
|  |   | Winter     | Part Peak          | 0.05761                                      | 0.03401              | 0.02245         | 0.03745              | kWh                 |
|  |   |            | Off Peak           | 0.06189                                      | 0.03401              | 0.02664         | 0.04164              | kWh                 |
|  |   |            | Reservation Charge | 0.42   | -                    | 0.41            | 0.41                 | kW                  |
| Residential Multi Meter Standby                                    | SEM   | Year round | All hours          | 0.1078                                       | 0.03401              | 0.07163         | 0.08663              | kWh                 |
| Small General Service (A-1)  | A-1 A   | Summer     | All hours          | 0.12570                                      | 0.02528              | 0.09791         | 0.10791              | kWh                 |
|  |   | Winter     | All hours          | 0.08648                                      | 0.02528              | 0.05947         | 0.06947              | kWh                 |
| Small General Service (A-1TOU)                                     | A-1B  | Summer     | Peak               | 0.13984                                      | 0.02528              | 0.11176         | 0.12176              | kWh                 |
|  |   |            | Part Peak          | 0.11619                                      | 0.02528              | 0.08859         | 0.09859              | kWh                 |
|  |   |            | Off Peak           | 0.08884                                      | 0.02528              | 0.06178         | 0.07178              | kWh                 |
|  |   | Winter     | Part Peak          | 0.11600                                      | 0.02528              | 0.08840         | 0.09840              | kWh                 |
|  |   |            | Off Peak           | 0.09508                                      | 0.02528              | 0.06790         | 0.07790              | kWh                 |
|  |   |            | Peak               | 0.37744                                      | 0.02528              | 0.34461         | 0.35461              | kWh                 |
| Small General Time-of-Use Service (A-6)                            | A-6   | Summer     | Part Peak          | 0.13786                                      | 0.02528              | 0.10982         | 0.11982              | kWh                 |
|  |   |            | Off Peak           | 0.07957                                      | 0.02528              | 0.05270         | 0.06270              | kWh                 |
|  |   |            | Peak               | 0.10503                                      | 0.02528              | 0.07765         | 0.08765              | kWh                 |
|  |   | Winter     | Part Peak          | 0.08754                                      | 0.02528              | 0.06051         | 0.07051              | kWh                 |
|  |   |            | Off Peak           | 0.12570                                      | 0.02528              | 0.09791         | 0.10791              | kWh                 |
|  |   |            | All hours          | 0.08648                                      | 0.02528              | 0.05947         | 0.06947              | kWh                 |
| Direct-Current General Service (A-15)                              | A-15  | Summer     | All hours          | 0.11614                                      | 0.02568              | 0.08814         | 0.09314              | kWh                 |
| Winter   | All hours   | 0.08916    | 0.02568            | 0.06170                                      | 0.06670              | kWh             |                      |                     |
| Medium General Demand Non-Time of Use - Secondary Voltage (A-10AS) | A-10 A  | Summer     | Demand             | 5.41000                                      | -                    | 5.30            | 5.30                 | kW                  |
| Med. General Demand Non-Time of Use - Primary Voltage (A-10AP)     |   | Summer     | All hours          | 0.10620                                      | 0.02568              | 0.07840         | 0.08340              | kWh                 |
|  |   | Winter     | All hours          | 0.08282                                      | 0.02568              | 0.05548         | 0.06048              | kWh                 |
| Med. General Demand Non-Time of Use - Transmission (A-10AT)        |   | Summer     | Demand             | 4.70000                                      | -                    | 4.61            | 4.61                 | kW                  |
|  |   | Summer     | All hours          | 0.09638                                      | 0.02568              | 0.06877         | 0.07377              | kWh                 |
| Winter   |   | All hours  | 0.07608            | 0.02568                                      | 0.04888              | 0.05388         | kWh                  |                     |
| Medium General Demand Time of Use - Secondary Voltage (A-10B5)     | A-10B   | Summer     | Demand             | 3.69000                                      | -                    | 3.62            | 3.62                 | kW                  |
|  |   |            | Peak               | 0.17002                                      | 0.02568              | 0.14094         | 0.14594              | kWh                 |
|  |   |            | Part Peak          | 0.11489                                      | 0.02568              | 0.08691         | 0.09191              | kWh                 |
|  |   | Winter     | Off Peak           | 0.08682                                      | 0.02568              | 0.05940         | 0.06440              | kWh                 |
|  |   |            | Part Peak          | 0.09895                                      | 0.02568              | 0.07129         | 0.07629              | kWh                 |
|  |   |            | Off Peak           | 0.08188                                      | 0.02568              | 0.05456         | 0.05956              | kWh                 |
| Medium General Demand Time of Use - Primary Voltage (A-10BP)       | A-10B   | Summer     | Demand             | 5.41000                                      | -                    | 5.30            | 5.30                 | kW                  |
|  |   |            | Peak               | 0.15813                                      | 0.02568              | 0.12929         | 0.13429              | kWh                 |
|  |   |            | Part Peak          | 0.10757                                      | 0.02568              | 0.07974         | 0.08474              | kWh                 |
|  |   | Winter     | Off Peak           | 0.08094                                      | 0.02568              | 0.05364         | 0.05864              | kWh                 |
|  |   |            | Part Peak          | 0.09387                                      | 0.02568              | 0.06631         | 0.07131              | kWh                 |
|  |   |            | Off Peak           | 0.07799                                      | 0.02568              | 0.05075         | 0.05575              | kWh                 |
| Medium General Demand Time of Use - Transmission (A-10BT)          | A-10B   | Summer     | Demand             | 4.70000                                      | -                    | 4.61            | 4.61                 | kW                  |
|  |   |            | Peak               | 0.14390                                      | 0.02568              | 0.11534         | 0.12034              | kWh                 |
|  |   |            | Part Peak          | 0.09703                                      | 0.02568              | 0.06941         | 0.07441              | kWh                 |
|  |   | Winter     | Off Peak           | 0.07172                                      | 0.02568              | 0.04461         | 0.04961              | kWh                 |
|  |   |            | Part Peak          | 0.08524                                      | 0.02568              | 0.05786         | 0.06286              | kWh                 |
|  |   |            | Off Peak           | 0.07066                                      | 0.02568              | 0.04357         | 0.04857              | kWh                 |
| Summer   | Demand  | 3.69000    | -                  | 3.62   | 3.62                 | kW              |                      |                     |

| Tariff Title  | Applies To Customers on Following PG&E Rate Schedules | Season               | Hours Applied        | PG&E Generation Rate (\$)<br>(March 1, 2018) | PCIA & Franchise Fee | Green Rate (\$) | SuperGreen Rate (\$) | Billing Determinant |
|---|---|----------------------|----------------------|--|----------------------|-----------------|----------------------|---------------------|
| Medium General Demand<br>Time of Use - Secondary<br>(E-19S)                                 | E-19  | Summer               | Peak                 | 0.13766                                      | 0.02165              | 0.11326         | 0.11826              | kWh                 |
|   |   |                      | Part Peak            | 0.09324                                      | 0.02165              | 0.06973         | 0.07473              | kWh                 |
|   |   |                      | Off Peak             | 0.06382                                      | 0.02165              | 0.04089         | 0.04589              | kWh                 |
|   |   |                      | Max Peak Demand      | 13.86000                                     | -                    | 13.58           | 13.58                | kW                  |
|   |   |                      | Max Part Peak Demand | 3.42000                                      | -                    | 3.35            | 3.35                 | kW                  |
|   |   | Winter               | Part Peak            | 0.08715                                      | 0.02165              | 0.06376         | 0.06876              | kWh                 |
| Off Peak  |   |                      | 0.07112              | 0.02165                                      | 0.04805              | 0.05305         | kWh                  |                     |
| Peak  |   |                      | 0.12751              | 0.02165                                      | 0.10331              | 0.10831         | kWh                  |                     |
| Part Peak   |   |                      | 0.08546              | 0.02165                                      | 0.06210              | 0.06710         | kWh                  |                     |
| Off Peak  |   |                      | 0.05843              | 0.02165                                      | 0.03561              | 0.04061         | kWh                  |                     |
| Medium General Demand<br>Time of Use - Primary<br>(E-19P)                                   |   | Summer               | Max Peak Demand      | 12.37000                                     | -                    | 12.12           | 12.12                | kW                  |
|   |   |                      | Max Part Peak Demand | 3.01000                                      | -                    | 2.95            | 2.95                 | kW                  |
|   | Part Peak   |                      | 0.07978              | 0.02165                                      | 0.05653              | 0.06153         | kWh                  |                     |
|   | Off Peak  |                      | 0.06511              | 0.02165                                      | 0.04216              | 0.04716         | kWh                  |                     |
|   | Peak  |                      | 0.09096              | 0.02165                                      | 0.06749              | 0.07249         | kWh                  |                     |
|   | Winter  | Part Peak            | 0.07669              | 0.02165                                      | 0.05351              | 0.05851         | kWh                  |                     |
| Off Peak  |   | 0.05780              | 0.02165              | 0.03499                                      | 0.03999              | kWh             |                      |                     |
| Max Peak Demand   |   | 14.06000             | -                    | 13.78  | 13.78                | kW              |                      |                     |
| Max Part Peak Demand  |   | 3.53000              | -                    | 3.46   | 3.46                 | kW              |                      |                     |
| Part Peak   |   | 0.07893              | 0.02165              | 0.05570                                      | 0.06070              | kWh             |                      |                     |
| Medium General Demand<br>Time of Use - Secondary<br>With Qualifying Solar PV<br>(E-19-S-R)  | Summer  | Off Peak             | 0.06442              | 0.02165                                      | 0.04148              | 0.04648         | kWh                  |                     |
|   |   | Peak                 | 0.29098              | 0.02165                                      | 0.26351              | 0.26851         | kWh                  |                     |
|   |   | Part Peak            | 0.12891              | 0.02165                                      | 0.10468              | 0.10968         | kWh                  |                     |
|   |   | Off Peak             | 0.06382              | 0.02165                                      | 0.04089              | 0.04589         | kWh                  |                     |
|   |   | Part Peak            | 0.08715              | 0.02165                                      | 0.06376              | 0.06876         | kWh                  |                     |
|   | Winter  | Off Peak             | 0.07112              | 0.02165                                      | 0.04805              | 0.05305         | kWh                  |                     |
| Peak  |   | 0.27796              | 0.02165              | 0.25075                                      | 0.25575              | kWh             |                      |                     |
| Part Peak   |   | 0.11993              | 0.02165              | 0.09588                                      | 0.10088              | kWh             |                      |                     |
| Off Peak  |   | 0.05843              | 0.02165              | 0.03561                                      | 0.04061              | kWh             |                      |                     |
| Part Peak   |   | 0.07978              | 0.02165              | 0.05653                                      | 0.06153              | kWh             |                      |                     |
| Medium General Demand<br>Time of Use - Primary<br>With Qualifying Solar PV<br>(E-19-P-R)    | Summer  | Off Peak             | 0.06511              | 0.02165                                      | 0.04216              | 0.04716         | kWh                  |                     |
|   |   | Peak                 | 0.27686              | 0.02165                                      | 0.24967              | 0.25467         | kWh                  |                     |
|   |   | Part Peak            | 0.12054              | 0.02165                                      | 0.09648              | 0.10148         | kWh                  |                     |
|   |   | Off Peak             | 0.05780              | 0.02165                                      | 0.03499              | 0.03999         | kWh                  |                     |
|   |   | Part Peak            | 0.07893              | 0.02165                                      | 0.05570              | 0.06070         | kWh                  |                     |
|   | Winter  | Off Peak             | 0.06442              | 0.02165                                      | 0.04148              | 0.04648         | kWh                  |                     |
| Peak  |   | 0.12784              | 0.02083              | 0.10445                                      | 0.11445              | kWh             |                      |                     |
| Part Peak   |   | 0.08747              | 0.02083              | 0.06489                                      | 0.07489              | kWh             |                      |                     |
| Off Peak  |   | 0.05976              | 0.02083              | 0.03773                                      | 0.04773              | kWh             |                      |                     |
| Max Peak Demand   |   | 13.41000             | -                    | 13.14  | 13.14                | kW              |                      |                     |
| Service to Max Demands >1,000 kW<br>Time of Use - Secondary Voltage<br>(E-20S)              | Summer  | Max Part Peak Demand | 3.31000              | -  | 3.24                 | 3.24            | kW                   |                     |
|   |   | Part Peak            | 0.08161              | 0.02083                                      | 0.05915              | 0.06915         | kWh                  |                     |
|   |   | Off Peak             | 0.06659              | 0.02083                                      | 0.04443              | 0.05443         | kWh                  |                     |
|   |   | Peak                 | 0.13073              | 0.01944                                      | 0.10868              | 0.11868         | kWh                  |                     |
|   |   | Part Peak            | 0.08623              | 0.01944                                      | 0.06507              | 0.07507         | kWh                  |                     |
|   | Winter  | Off Peak             | 0.05886              | 0.01944                                      | 0.03824              | 0.04824         | kWh                  |                     |
| Max Peak Demand   |   | 14.72000             | -                    | 14.43  | 14.43                | kW              |                      |                     |
| Max Part Peak Demand  |   | 3.48000              | -                    | 3.41   | 3.41                 | kW              |                      |                     |
| Part Peak   |   | 0.08037              | 0.01944              | 0.05932                                      | 0.06932              | kWh             |                      |                     |
| Off Peak  |   | 0.06558              | 0.01944              | 0.04483                                      | 0.05483              | kWh             |                      |                     |
| Service to Max Demands >1,000 kW<br>Time of Use - Transmission<br>(E-20T)                   | Summer  | Peak                 | 0.08550              | 0.01786                                      | 0.06593              | 0.07593         | kWh                  |                     |
|   |   | Part Peak            | 0.07209              | 0.01786                                      | 0.05279              | 0.06279         | kWh                  |                     |
|   |   | Off Peak             | 0.05434              | 0.01786                                      | 0.03539              | 0.04539         | kWh                  |                     |
|   |   | Max Peak Demand      | 17.42000             | -  | 17.07                | 17.07           | kW                   |                     |
|   |   | Max Part Peak Demand | 4.15000              | -  | 4.07                 | 4.07            | kW                   |                     |
|   | Winter  | Part Peak            | 0.07420              | 0.01786                                      | 0.05486              | 0.06486         | kWh                  |                     |
| Off Peak  |   | 0.06056              | 0.01786              | 0.04149                                      | 0.05149              | kWh             |                      |                     |
| Peak  |   | 0.26514              | 0.02083              | 0.23901                                      | 0.24901              | kWh             |                      |                     |
| Part Peak   |   | 0.12067              | 0.02083              | 0.09743                                      | 0.10743              | kWh             |                      |                     |
| Off Peak  |   | 0.05976              | 0.02083              | 0.03773                                      | 0.04773              | kWh             |                      |                     |
| Medium General Demand<br>With Qualifying Solar PV<br>Time of Use - Secondary<br>E-20-S-R    | Summer  | Part Peak            | 0.08161              | 0.02083                                      | 0.05915              | 0.06915         | kWh                  |                     |
|   |   | Off Peak             | 0.06659              | 0.02083                                      | 0.04443              | 0.05443         | kWh                  |                     |
|   |   | Peak                 | 0.28229              | 0.01944                                      | 0.25720              | 0.26720         | kWh                  |                     |
|   |   | Part Peak            | 0.11956              | 0.01944                                      | 0.09773              | 0.10773         | kWh                  |                     |
|   |   | Off Peak             | 0.05886              | 0.01944                                      | 0.03824              | 0.04824         | kWh                  |                     |
|   | Winter  | Part Peak            | 0.08037              | 0.01944                                      | 0.05932              | 0.06932         | kWh                  |                     |
| Off Peak  |   | 0.06558              | 0.01944              | 0.04483                                      | 0.05483              | kWh             |                      |                     |
| Peak  |   | 0.27362              | 0.01786              | 0.25029                                      | 0.26029              | kWh             |                      |                     |
| Part Peak   |   | 0.11193              | 0.01786              | 0.09183                                      | 0.10183              | kWh             |                      |                     |
| Off Peak  |   | 0.05434              | 0.01786              | 0.03539                                      | 0.04539              | kWh             |                      |                     |
| Medium General Demand<br>With Qualifying Solar PV<br>Time of Use - Transmission<br>E-20-T-R | Summer  | Part Peak            | 0.07420              | 0.01786                                      | 0.05486              | 0.06486         | kWh                  |                     |
|   |   | Off Peak             | 0.06056              | 0.01786                                      | 0.04149              | 0.05149         | kWh                  |                     |

| Tariff Title  | Applies To Customers on Following PG&E Rate Schedules   | Season    | Hours Applied                                 | PG&E Generation Rate (\$)<br>(March 1, 2018) | PCIA & Franchise Fee | Green Rate (\$) | SuperGreen Rate (\$) | Billing Determinant |
|---|---|-----------|---|--|----------------------|-----------------|----------------------|---------------------|
| Customer-Owned Street and Highway Lighting<br>Customer-Owned Street and Highway Lighting Electroler Meter Rate<br>Outdoor Area Lighting Services (LS-1) | LS-2, LS-3, OL-1  | Yearround | All hours                                     | 0.08753                                      | 0.0065               | 0.07928         | 0.08928              | kWh                 |
| Traffic Control Service (TC-1)  | TC-1  | Yearround | All hours                                     | 0.09504                                      | 0.02527              | 0.06787         | 0.07787              | kWh                 |
| Agricultural Power (AG-1)   | AG-1 A  | Summer    | All hours                                     | 0.10874                                      | 0.02516              | 0.08141         | 0.09141              | kWh                 |
|   |   |           | Connected Load                                | 1.49000                                      | -                    | 1.46            | 1.46                 | kW                  |
|   | AG-1 B  | Winter    | All hours                                     | 0.08721                                      | 0.02516              | 0.06031         | 0.07031              | kWh                 |
|   |   |           | All hours                                     | 0.11198                                      | 0.02516              | 0.08458         | 0.09458              | kWh                 |
|   |   | Summer    | Max Demand                                    | 2.24000                                      | -                    | 2.20            | 2.20                 | kW                  |
|   |   |           | Primary Voltage Disc.                         | 0.83000                                      | -                    | 0.81            | 0.81                 | kW                  |
| Agricultural Power, Time-of-Use (AG-4A)   | AG-4 A, AG-4 D  | Summer    | All hours                                     | 0.08729                                      | 0.02516              | 0.06038         | 0.07038              | kWh                 |
|   |   |           | Peak  | 0.17399                                      | 0.02516              | 0.14535         | 0.15535              | kWh                 |
|   |   |           | Off Peak                                      | 0.07511                                      | 0.02516              | 0.04845         | 0.05845              | kWh                 |
|   |   | Winter    | Connected Load                                | 1.48000                                      | -                    | 1.45            | 1.45                 | kW                  |
|   |   |           | Part Peak                                     | 0.07960                                      | 0.02516              | 0.05285         | 0.06285              | kWh                 |
|   |   |           | Off Peak                                      | 0.06782                                      | 0.02516              | 0.04130         | 0.05130              | kWh                 |
| Agricultural Power, Time-of-Use (AG-4B)   | AG-4 B, AG-4 E  | Summer    | Peak  | 0.13325                                      | 0.02516              | 0.10543         | 0.11543              | kWh                 |
|   |   |           | Off Peak                                      | 0.07734                                      | 0.02516              | 0.05063         | 0.06063              | kWh                 |
|   |   |           | Max Demand                                    | 2.62000                                      | -                    | 2.57            | 2.57                 | kW                  |
|   |   | Winter    | Max Peak Demand                               | 2.78000                                      | -                    | 2.72            | 2.72                 | kW                  |
|   |   |           | Primary Voltage Disc. (per Max Demand)        | 0.65000                                      | -                    | 0.65            | 0.65                 | kW                  |
|   |   |           | Part Peak                                     | 0.07542                                      | 0.02516              | 0.04875         | 0.05875              | kWh                 |
| Agricultural Power, Time-of-Use (AG-4C)   | AG-4 C, AG-4 F  | Summer    | Off Peak                                      | 0.06417                                      | 0.02516              | 0.03773         | 0.04773              | kWh                 |
|   |   |           | Peak  | 0.15377                                      | 0.02516              | 0.12553         | 0.13553              | kWh                 |
|   |   |           | Part Peak                                     | 0.08705                                      | 0.02516              | 0.06015         | 0.07015              | kWh                 |
|   |   | Winter    | Off Peak                                      | 0.06281                                      | 0.02516              | 0.03639         | 0.04639              | kWh                 |
|   |   |           | Max Peak Demand                               | 6.45000                                      | -                    | 6.32            | 6.32                 | kW                  |
|   |   |           | Max Part Peak Demand                          | 1.10000                                      | -                    | 1.08            | 1.08                 | kW                  |
| Large Time-of-Use Agricultural Power (AG-5A)  | AG-5 A, AG-5 D  | Summer    | Primary Voltage Disc. (per Max Peak Demand)   | 1.12000                                      | -                    | 1.12            | 1.12                 | kW                  |
|   |   |           | Trans. Volt. Disc. (per Max Peak Demand)      | 2.06000                                      | -                    | 2.06            | 2.06                 | kW                  |
|   |   |           | Trans. Volt. Disc. (per Max Part Peak Demand) | -0.02000                                     | -                    | (0.02)          | (0.02)               | kW                  |
|   |   | Winter    | Part Peak                                     | 0.06969                                      | 0.02516              | 0.04314         | 0.05314              | kWh                 |
|   |   |           | Off Peak                                      | 0.05928                                      | 0.02516              | 0.03293         | 0.04293              | kWh                 |
|   |   |           | Peak  | 0.16283                                      | 0.02516              | 0.13441         | 0.14441              | kWh                 |
| Large Time-of-Use Agricultural Power (AG-5B)  | AG-5 B, AG-5 E  | Summer    | Off Peak                                      | 0.08051                                      | 0.02516              | 0.05374         | 0.06374              | kWh                 |
|   |   |           | Connected Load                                | 4.05000                                      | -                    | 3.97            | 3.97                 | kW                  |
|   |   |           | Part Peak                                     | 0.08432                                      | 0.02516              | 0.05747         | 0.06747              | kWh                 |
|   |   | Winter    | Off Peak                                      | 0.07191                                      | 0.02516              | 0.04531         | 0.05531              | kWh                 |
|   |   |           | Peak  | 0.15904                                      | 0.02516              | 0.13070         | 0.14070              | kWh                 |
|   |   |           | Off Peak                                      | 0.05347                                      | 0.02516              | 0.02724         | 0.03724              | kWh                 |
| Large Time-of-Use Agricultural Power (AG-5C)  | AG-5 C, AG-5 F  | Summer    | Max Demand                                    | 4.87000                                      | -                    | 4.77            | 4.77                 | kW                  |
|   |   |           | Max Peak Demand                               | 6.10000                                      | -                    | 5.98            | 5.98                 | kW                  |
|   |   |           | Primary Voltage Disc. (per Max Demand)        | 1.53000                                      | -                    | 1.53            | 1.53                 | kW                  |
|   |   | Winter    | Trans. Volt. Disc. (per Max Demand)           | 2.66000                                      | -                    | 2.66            | 2.66                 | kW                  |
|   |   |           | Part Peak                                     | 0.07547                                      | 0.02516              | 0.04880         | 0.05880              | kWh                 |
|   |   |           | Off Peak                                      | 0.04437                                      | 0.02516              | 0.01832         | 0.02832              | kWh                 |
| Standby Service - Secondary and Primary Voltage   | Applies to Full Standby customers under Rate Schedule S. All partial standby customers are billed at their Otherwise Applicable Schedule ("OAS") rate | Summer    | Peak  | 0.13183                                      | 0.02516              | 0.10403         | 0.11403              | kWh                 |
|   |   |           | Part Peak                                     | 0.07612                                      | 0.02516              | 0.04944         | 0.05944              | kWh                 |
|   |   |           | Off Peak                                      | 0.05538                                      | 0.02516              | 0.02911         | 0.03911              | kWh                 |
|   |   | Winter    | Max Peak Demand                               | 11.31000                                     | -                    | 11.08           | 11.08                | kW                  |
|   |   |           | Max Part Peak Demand                          | 2.13000                                      | -                    | 2.09            | 2.09                 | kW                  |
|   |   |           | Primary Voltage Disc. (per Max Peak Demand)   | 2.33000                                      | -                    | 2.28            | 2.28                 | kW                  |
| Standby Service - Transmission Voltage  | Applies to Full Standby customers under Rate Schedule S. All partial standby customers are billed at their Otherwise Applicable Schedule ("OAS") rate | Summer    | Trans. Volt. Disc. (per Max Peak Demand)      | 4.36000                                      | -                    | 4.27            | 4.27                 | kW                  |
|   |   |           | Part Peak                                     | 0.06159                                      | 0.01249              | 0.04787         | 0.05787              | kWh                 |
|   |   |           | Off Peak                                      | 0.05217                                      | 0.01249              | 0.03864         | 0.04864              | kWh                 |
|   |   | Winter    | Reservation Charge                            | 0.42000                                      | -                    | 0.41            | 0.41                 | kW                  |
|   |   |           | Peak  | 0.10947                                      | 0.01246              | 0.09482         | 0.10482              | kWh                 |
|   |   |           | Part Peak                                     | 0.09210                                      | 0.01246              | 0.07780         | 0.08780              | kWh                 |
| NEM-CleanPowerSF Net Surplus Compensation Rates   | NEM-CleanPowerSF  | Summer    | Off Peak                                      | 0.06937                                      | 0.01246              | 0.05552         | 0.06552              | kWh                 |
|   |   |           | Part Peak                                     | 0.09487                                      | 0.01246              | 0.08051         | 0.09051              | kWh                 |
|   |   |           | Off Peak                                      | 0.07726                                      | 0.01246              | 0.06325         | 0.07325              | kWh                 |
|   |   | Winter    | Reservation Charge                            | 0.35000                                      | -                    | 0.34            | 0.34                 | kW                  |
|   |   |           | Peak  | 0.09192                                      | 0.01246              | 0.07762         | 0.08762              | kWh                 |
|   |   |           | Part Peak                                     | 0.07749                                      | 0.01246              | 0.06348         | 0.07348              | kWh                 |
| N/A   | All hours   | N/A       | N/A   | N/A  | N/A                  | N/A             | 0.08930              | kWh                 |

**Exhibit 2: CleanPowerSF Termination Fees  
Effective July 1, 2018**

|   | <b>Residential</b> | <b>Non-Residential</b> |
|---|--------------------|------------------------|
| Within Statutory Notification/Opt-Out Period  | \$0                | \$0                    |
| After Statutory Notification/Opt-Out Period Ends (60 days after service commencement) | \$5<br>\$0         | \$25<br>\$0            |





**AGENDA ITEM**  
**Public Utilities Commission**  
*City and County of San Francisco*

DEPARTMENT Financial Services AGENDA NO. 14  
MEETING DATE April 10, 2018

**Public Hearing: Approve Revised San Francisco CleanPowerSF Community Choice Aggregation Program Electric Generation Rates: Regular Calendar**  
**Project Managers:** Charles Perl and Michael Hyams

|  |  |  |   |   |                            |   |  |   |                               |   |  |
|--|--|--|---|---|----------------------------|---|--|---|-------------------------------|---|--|
| <p><b>Summary of Proposed Commission Action:</b></p> | <p><b>Public Hearing:</b> Discussion and possible action to approve revised schedule of rates and charges for the San Francisco Public Utilities Commission Power Enterprise CleanPowerSF program service in San Francisco to take effect July 1, 2018. If adopted, the proposed rates would: (1) increase Green product rates by 5%, on average, for all classes, while maintaining a 2% discount from PG&amp;E rates after accounting for the Power Charge Indifference Adjustment and Franchise Fee Surcharge; (2) decrease SuperGreen premium rates for specified rate classes; and (3) set residential and commercial customer program termination fees to \$0 until the end of Citywide enrollment, December 31, 2019. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.</p>  |  |   |   |                            |   |  |   |                               |   |  |
| <p><b>Background:</b></p>                            | <p>The San Francisco Public Utilities Commission (SFPUC) launched the first phase of CleanPowerSF, San Francisco’s Community Choice Aggregation Program, on May 1, 2016. Today, CleanPowerSF serves approximately 81,000 accounts. The program has maintained an opt-out rate of about 3.2%. CleanPowerSF offers two products: a “Green” product comprised of at least 40% renewable energy and a “SuperGreen” product comprised of 100% renewable energy. Most CleanPowerSF customers (about 96%) take service under the “Green” product rates, while nearly 3,300 ratepayers (4.0% of enrolled accounts) have upgraded to CleanPowerSF’s 100% renewable SuperGreen product. CleanPowerSF is expected to launch its next major enrollment phase in July 2018.</p> <p>The Commission adopted initial CleanPowerSF “not-to-exceed” rates on December 8, 2015 by Resolution Number 15-0268. Rates were set at levels not to exceed comparable Pacific Gas and Electric (PG&amp;E) rates in recognition of the need for CleanPowerSF to cover its costs and build financial reserves, yet remain competitive with PG&amp;E. Through this action, the Commission approved the following rate-setting methodology, shown in Table 1, for initial CleanPowerSF program rates.</p> <p align="center"><b>Table 1</b><br/><b>Initial CleanPowerSF Not-to-Exceed Rate-Setting Methodology</b></p> <table border="0"> <tr> <td></td> <td>PG&amp;E Generation Rate(s) (as of March 1, 2016)</td> </tr> <tr> <td>x</td> <td>100% - 0.25% Rate Discount</td> </tr> <tr> <td>-</td> <td>Power Charge Indifference Adjustments (PCIA)</td> </tr> <tr> <td>-</td> <td>Franchise Fee Surcharge (FFS)</td> </tr> <tr> <td>=</td> <td>CleanPowerSF rate(s) for the default Green product</td> </tr> </table> |  | PG&E Generation Rate(s) (as of March 1, 2016) | x | 100% - 0.25% Rate Discount | - | Power Charge Indifference Adjustments (PCIA) | - | Franchise Fee Surcharge (FFS) | = | CleanPowerSF rate(s) for the default Green product |
|  | PG&E Generation Rate(s) (as of March 1, 2016)  |  |   |   |                            |   |  |   |                               |   |  |
| x  | 100% - 0.25% Rate Discount   |  |   |   |                            |   |  |   |                               |   |  |
| -  | Power Charge Indifference Adjustments (PCIA)   |  |   |   |                            |   |  |   |                               |   |  |
| -  | Franchise Fee Surcharge (FFS)  |  |   |   |                            |   |  |   |                               |   |  |
| =  | CleanPowerSF rate(s) for the default Green product   |  |   |   |                            |   |  |   |                               |   |  |



As Table 1 above shows, CleanPowerSF initial “Green” rates were set 0.25% below comparable PG&E rates as of March 1, 2016, minus PCIA and FFS. “SuperGreen” rates were set to include a \$0.02 per kilowatt-hour (kWh) premium above “Green” rates.

The 2015 Commission action on CleanPowerSF rates also provided for annual review and adjustment of rates based on one of the two following methods, depending on the circumstances:

- *Administratively*, adjusting rates by the local Consumer Price Index (CPI) to reflect increased operating costs and changes in PG&E rates; or
- *Legislatively*, under the process required by Section 8B.125 of the City Charter, where an adjustment based on CPI is not adequate.

Since CleanPowerSF’s initial rates were adopted in 2015, the Commission has taken two subsequent CleanPowerSF rate actions. First, on April 11, 2017, in order to remain competitive with PG&E service, the Commission reduced CleanPowerSF’s Green product rates by approximately 4%. Second, on January 23, 2018, in order to stay competitive with PG&E’s Solar Choice program, the Commission reduced CleanPowerSF’s SuperGreen rate premium from \$0.014 to \$0.010 per kWh for commercial customers and from \$0.02 to \$0.015 for residential customers, effective on March 1, 2018. This second action also included enhancements and refinements to CleanPowerSF’s Net Energy Metering Program (NEM).

On February 16, 2018, PG&E filed new generation, PCIA and FFS rates that went into effect on March 1, 2018. PG&E’s new generation, PCIA and FFS rate changes result in PG&E’s generation rates being 7% higher, on average, than CleanPowerSF’s current Green rates (when the PCIA and FFS are taken into account). In addition, PG&E’s new Solar Choice premium for 2018 has decreased substantially from its premium for 2017.

**Proposed Changes to CleanPowerSF Electric Generation Rates and Charges**

***Increase the CleanPowerSF Green Rate by Approximately 5%***

Staff proposes to increase CleanPowerSF Green rates to adequately fund program costs, to meet rate and debt service covenants, and to reach reserve targets. PG&E’s generation rate increase gives CleanPowerSF the opportunity to offer customers a greater discount than the 0.25% adopted in previous Commission rate actions, while continuing to recover costs, satisfy financial covenants, and fund the program’s financial reserves. The proposed CleanPowerSF Green rates would provide participating customers a 2% generation cost savings over comparable PG&E service, according to the following methodology.

|   |  |
|---|--|
| <b>Table 2</b>  |  |
| <b>Proposed CleanPowerSF Rate-Setting Methodology</b> |  |
|   | PG&E Generation Rate(s) (as of March 1, 2018)  |
| x   | 100% - 2% Rate Discount                        |
| -   | Power Charge Indifference Adjustment (PCIA)    |
| -   | Franchise Fee Surcharge (FFS)                  |
| =   | CleanPowerSF rate(s) for default Green product |

Retail rates are set by the Commission pursuant to the San Francisco Charter (Section 8B.125). All budgets, rates, fees, and charges presented by staff to the Commission must conform to the SFPUC Rates Policy, which is guided by four key principles:



affordability, compliance, sufficiency, and transparency.

Consistent with the SFPUC Rates Policy and using the CleanPowerSF rate-setting methodology described above, staff proposes to adjust the CleanPowerSF Green rates to be 2% less than PG&E rates (as of March 1, 2018), accounting for PCIA and FFS, for each rate schedule, effective July 1, 2018. The result of this action will be an increase in the average CleanPowerSF generation rate of approximately 5% from current average rates. The proposed rate increase will allow the CleanPowerSF program to cover its costs and make needed contributions to program financial reserves. CleanPowerSF's adopted business practice policies (Resolution Number 18-0011; revised February 13, 2018) require the SFPUC to adopt budgets and establish rates providing for adequate ratepayer protection in the form of an Operating Reserve Fund and a Contingency/Rate Stabilization Reserve Fund. These reserves are to be funded at levels to mitigate short-term, unanticipated loss of revenues or increase in expenses; stabilize rates; and support the growth of the program:

- Operating Reserve Fund: equal to 90 days of operating expenditures; and
- Contingency/Rate Stabilization Reserve Fund: equal to 15% of annual revenues.

The Commission approved the form of a credit agreement with JP Morgan on January 23, 2018 to secure CleanPowerSF's payment obligations under power supply contracts using Standby Letters of Credit (LOCs) that JP Morgan will issue to the power providers as collateral, should the power providers require such collateral. As a condition of this agreement, SFPUC has covenanted to set CleanPowerSF rates and charges to meet certain debt service coverage levels beginning September 2018 and reserve levels by FY 2021. These proposed rate increases will help CleanPowerSF meet these obligations while keeping its customers' bills competitive with comparable PG&E service. Staff projects that the proposed rate increase will provide an additional \$9.8 million to program reserves by the end of FY 2019, resulting in a projected year-end fund balance of \$33.4 million, or 59% of the program's reserves target.

#### ***Reduce the SuperGreen Rate Premium for some Customer Classes***

PG&E also significantly reduced its premiums for its Solar Choice program for 2018. SuperGreen rate premium reductions approved by the Commission on January 23, 2018, mitigated most of the changes to allow CleanPowerSF to continue to offer SuperGreen at competitive rates. However, as a result of the CleanPowerSF Green rate adjustment proposed herein, further reductions in the SuperGreen rate premium for medium and large commercial customers are necessary to ensure that SuperGreen is offered at a rate competitive with PG&E's Solar Choice program at the time of the next enrollment in July, 2018. To balance out the impact of the Green rate increase on the total SuperGreen rate, staff proposes to reduce certain SuperGreen rate premiums as follows:

- Medium Commercial (A-10) and Large Commercial (E-19) rates \$0.005 per kWh above Green rates (reduced from \$0.010 per kWh)

At current participation levels, this change will reduce projected SuperGreen revenues by approximately \$70,000, but will ensure that CleanPowerSF SuperGreen customer bills will remain competitive. With the proposed and recently adopted rate premiums, SuperGreen product revenues are projected to recover SuperGreen product incremental costs.



Table 3 below shows PG&E's current standard residential rates and the proposed Green rates for CleanPowerSF residential service to be effective July 1, 2018.

**Table 3  
Proposed CleanPowerSF Rates for Non-Time of Use Residential Service**

| Product                    | Applies to Customers on PG&E Rate Schedule        | PG&E Gen. Rate \$/kWh | Less 2% Rate Discount | Less Estimated PCIA/FFS | Equals Proposed Rate \$/kWh |
|----------------------------|---|-----------------------|-----------------------|-------------------------|-----------------------------|
| Green: Non-TOU Residential | E1, E1L, EM, EML, ES, ESL, ESR, ESRL, ET, and ETL | 0.10780               | (0.00216)             | (0.03401)               | <b>0.071634</b>             |

Table 4 below shows average rates for PG&E's Solar Choice offering and the existing and proposed CleanPowerSF Green and SuperGreen rates for Medium Commercial (A-10) customers. The table compares current rates with the proposed Green and SuperGreen rates.

**Table 4  
Proposed CleanPowerSF SuperGreen Rates for Medium Commercial (A-10)**

| Rate Components                                | PG&E <u>Current</u> Solar Choice Rates (March 1, 2018) \$/kWh | CleanPowerSF <u>Current</u> SuperGreen Rates (March 1, 2018) \$/kWh | CleanPowerSF <u>Proposed</u> Green Rates + <u>Current</u> SuperGreen Premium (\$0.01/kWh) | CleanPowerSF <u>Proposed</u> Green Rates + <u>Proposed</u> SuperGreen Premium (\$0.005/kWh) |
|--|---|---|---|---|
| <b>Total Solar Choice and SuperGreen Rates</b> | 0.11694   | 0.11481   | 0.12097   | <b>0.11597</b>  |
| Difference from PG&E                           | -   | -0.00213  | 0.00403   | -0.00097  |

**Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges**, attached hereto, presents a comprehensive schedule of proposed rates for FY 2018-19. The proposed CleanPowerSF rate schedules and descriptions are consistent with those used by PG&E for customers served in San Francisco; rates are based on PG&E electric rates as of March 1, 2018.

**Termination Fees**

CleanPowerSF's Termination Fee applies to customers who submit an opt out request more than 90 days after they begin CleanPowerSF service. The fees are \$5 for residential customers and \$25 for commercial customers. Staff proposes to set the termination fees to \$0 through December 31, 2019, which is the date Citywide enrollment will be completed. This will facilitate a smooth program expansion. Staff will return to the Commission prior to January 1, 2020 to propose new termination fees and terms.

The proposed Termination Fees are reflected in the attached **Exhibit 2: CleanPowerSF Termination Fees**.





**Table 5  
Proposed CleanPowerSF Termination Fees**

|   | Residential | Non Residential |
|---|-------------|-----------------|
| Within Statutory Notification/Opt-Out Period  | \$0         | \$0             |
| After Statutory Notification/Opt-Out Period Ends (60 days after service commencement) | \$5<br>\$0  | \$25<br>\$0     |

**Cost of Service**

Proposed CleanPowerSF rates are projected to generate sufficient revenues to both pay for operating costs and meet financial policy targets and other financial commitments. CleanPowerSF projected uses of funds are divided into three primary categories:

1. Energy Supply: Power costs are based on committed and expected supply volumes and prices for FY 2018-19. Supply costs also assume that the basic product has 46% renewable content while Super Green is 100% renewable. These costs are included in the Energy Supply line in Table 5 below.
2. Operating Costs: Operating costs include costs associated with the Calpine Energy Solutions contract for back office and customer care services, PG&E service fees, program administration, load/supply scheduling, and customer outreach and education. These costs are included in the Operating Costs line in Table 5 below.
3. Net Revenues and Reserves: Net revenues are projected to satisfy rate and debt service coverage ratio covenants. Annual net revenue contribution to reserves include build-up of Operating and Rate Stabilization Reserves to support the program goal of long-term financial stability. Reserve targets are based on adopted program policies. The proposed rates are projected to support the funding of an additional \$10 million for reserves, potentially expediting full funding of the program’s growth-adjusted reserve target by FY 2021.

**Table 6  
Projected CleanPowerSF Sources and Uses, FY 2018-19**

|                   |           |
|-------------------|-----------|
| <b>Sources</b>    | \$157.7 M |
| <b>Uses</b>       |           |
| Energy Supply     | \$112.4M  |
| Operating Costs   | \$21.1M   |
| Debt Repayment    | \$2.0 M   |
| Reserves          | \$22.1 M  |
| <b>Total Uses</b> | \$157.7 M |

**Public Hearing Notice**

Pursuant to Charter Section 16.112, a Notice of Public Hearing on the establishment of a schedule of rates was published in the official newspaper on March 11<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 18<sup>th</sup> and 21<sup>st</sup>, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018, with possible Commission action on this date. If approved by the Commission, these rates and charges will be subject to rejection by the Board of Supervisors (BOS), as provided in Charter section 8B.125, within 30 days following notification to the BOS. These proposed CleanPowerSF rates will become effective July 1, 2018 and will remain effective until revised.



|                                     |   |
|-------------------------------------|---|
|                                     | <p><b>Rate Fairness Board</b></p> <p>On March 23, 2018, SFPUC staff presented the proposed CleanPowerSF rates and charges to the Rate Fairness Board (RFB), which expressed its support.</p>  |
|                                     |   |
| <p><b>Environmental Review:</b></p> | <p>The Bureau of Environmental Management concluded and on March 26, 2018, the Planning Department determined, that the proposed rates setting action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges. The statutory exemption request and concurrence message are attached. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.</p> |
|                                     |   |
| <p><b>Result of Inaction:</b></p>   | <p>CleanPowerSF rates will be 7% lower on average than comparable PG&amp;E rates. CleanPowerSF would forgo an opportunity to fund program reserves, which, among other objectives, serve to protect customers from future rate instability.</p>   |
|                                     |   |
| <p><b>Recommendation:</b></p>       | <p>SFPUC staff recommends that the Commission adopt the attached resolution.</p>  |
|                                     |   |
| <p><b>Attachments:</b></p>          | <ol style="list-style-type: none"> <li>1. Presentation</li> <li>2. Statutory Exemption Request and Concurrence</li> </ol>   |



**PUBLIC UTILITIES COMMISSION**  
City and County of San Francisco

RESOLUTION NO.: 18-0056

WHEREAS, The San Francisco Board of Supervisors established a Community Choice Aggregation (CCA) program in 2004 (Ordinance 86-04) and has implemented the program called CleanPowerSF through the work of the SFPUC in consultation with the San Francisco Local Agency Formation Commission (Ordinances 146-07, 147-07, and 232-09); and

WHEREAS, The complementary objectives of CleanPowerSF are to reduce greenhouse gas emissions, and to provide the City's energy consumers with renewable electricity supplies while remaining cost competitive with Pacific Gas and Electric Company's (PG&E) products, including, if approved after environmental review, the build-out of local energy resources such as energy efficiency and renewable power projects; and

WHEREAS, The SFPUC intends that CleanPowerSF retail rates be set to meet program operating costs, repay debt, meet financial targets for reserves and debt-service coverage ratios, and obligations pursuant to CleanPowerSF power supply contracts and credit agreements; and

WHEREAS, The proposed rates conform to the CleanPowerSF Rate Setting Policy and the Commission's Ratepayer Assurance Policy; and

WHEREAS, CleanPowerSF rates are proposed to be an estimated 2% below PG&E rates for its default electricity generation service based on PG&E's current rates, less pass-through customer charges including PG&E's Power Charge Indifference Adjustment (PCIA) and Franchise Fee Surcharge (FFS), and adjusted annually to the extent necessary to reflect changes to operational costs and changes to PG&E's rates for comparable products, less PG&E's PCIA and FFS charges; and

WHEREAS, Adjustments to the CleanPowerSF 100% renewable "SuperGreen" product premium are proposed to keep rates competitive with PG&E's Solar Choice product offering; and

WHEREAS, The proposed revisions in CleanPowerSF "Green" and "SuperGreen" rates are recommended to (1) support funding of CleanPowerSF's financial reserves complying with rate and debt service coverage ratios; and (2) meet or beat comparable PG&E rates in advance of launching the next major CleanPowerSF enrollment phase in July 2018, consistent with the Commission-adopted CleanPowerSF Phasing Policy; and

WHEREAS, The Termination Fees for residential and commercial customers are proposed to be \$0 during citywide enrollment through December 31, 2019; and

WHEREAS, PG&E's rates are authorized by the California Public Utilities Commission (CPUC); and

WHEREAS, The CPUC permits PG&E to levy the PCIA on the bills of customers who switch to CleanPowerSF, in order to recover PG&E's above market generation costs incurred prior to a customer's switch from its generation service; and



WHEREAS, The FFS is a surcharge imposed by PG&E on its customers to recover franchise fees charged by cities and counties; and

WHEREAS, Pursuant to Charter Section 16.112, a Notice of hearing on the proposal to adopt a schedule of rates was published in the official newspaper on March 11<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 18<sup>th</sup> and 21<sup>st</sup>, 2018, and posted on the SFPUC website and at the San Francisco Public Library, as required, for a public hearing on April 10, 2018; and

WHEREAS, Charter section 8B.125 requires the Commission to set rates and charges, subject to rejection by the Board of Supervisors, within 30 days of submission; and

WHEREAS, On March 26, 2018, the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges); now, therefore, be it

RESOLVED, This Commission hereby sets the rates and charges as presented in Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges and Exhibit 2: CleanPowerSF Termination Fees, both attached hereto and both to take effect on July 1, 2018 and to remain in effect until replaced or revised; and be it

FURTHER RESOLVED, Effective July 1, 2018, and each successive July 1 thereafter, the General Manager is authorized to adjust rates not otherwise adjusted by Commission action by the annual percentage change in the Consumer Price Index (CPI) for All Urban Consumers for San Francisco-Oakland-San Jose published by the U.S. Bureau of Labor Statistics (for the twelve months ended December 31 in the calendar year preceding the year during which the rates will be effective); and be it

FURTHER RESOLVED, This Commission directs the General Manager to conduct a cost-of-service review concurrent with the standard Power Enterprise cost of service review no less than every five years and propose revised rates, as required by Charter Section 8B.125; and be it

FURTHER RESOLVED, That all other necessary rate adjustments will be conducted consistent with the process established by Charter Section 8B.125; and be it

FURTHER RESOLVED, This Commission hereby finds that adoption of this resolution will establish rates for the purpose of meeting operating expenses, including the recovery of program reserves and allow for CleanPowerSF to be financially stable, and that adoption of the resolution is exempt from environmental review requirements in accordance with California Public Resource Code Section 21080(b)(8); and be it

FURTHER RESOLVED, This Commission directs the General Manager to submit these rates and charges to the Board of Supervisors, as required by Charter Section 8B.125.

*I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of April 10, 2018.*

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Secretary, Public Utilities Commission





**Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges  
Effective July 1, 2018**

| Tariff Title   | Applies To Customers on Following PG&E Rate Schedules | Season     | Hours Applied               | PG&E Generation Rate (\$)<br>(March 1, 2018) | PCIA & Franchise Fee | Green Rate (\$) | SuperGreen Rate (\$) | Billing Determinant |         |         |     |
|--|---|------------|-----------------------------|--|----------------------|-----------------|----------------------|---------------------|---------|---------|-----|
| Non-Time of Use Residential (E-1)                                  | E1, E1L, EM, EML, ES, ESL, ESR, ESRL, ET, and ETL     | Year round | All hours                   | 0.10780                                      | 0.03401              | 0.07163         | 0.08663              | kWh                 |         |         |     |
| Residential Time of Use (1) (E-6)                                  | E-6   | Summer     | Peak                        | 0.23774                                      | 0.03401              | 0.19898         | 0.21398              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.12489                                      | 0.03401              | 0.08838         | 0.10338              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.07883                                      | 0.03401              | 0.04324         | 0.05824              | kWh                 |         |         |     |
|  |   | Winter     | Part Peak                   | 0.10440                                      | 0.03401              | 0.06830         | 0.08330              | kWh                 |         |         |     |
| Residential Time of Use A (E-TOU A)                                | E-TOU A   | Summer     | Peak                        | 0.19050                                      | 0.03401              | 0.15268         | 0.16768              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.11493                                      | 0.03401              | 0.07862         | 0.09362              | kWh                 |         |         |     |
|  |   | Winter     | Peak                        | 0.10316                                      | 0.03401              | 0.06709         | 0.08209              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.08887                                      | 0.03401              | 0.05308         | 0.06808              | kWh                 |         |         |     |
| Residential Time of Use B (E-TOU B)                                | E-TOU B   | Summer     | Peak                        | 0.21238                                      | 0.03401              | 0.17412         | 0.18912              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.10932                                      | 0.03401              | 0.07312         | 0.08812              | kWh                 |         |         |     |
|  |   | Winter     | Peak                        | 0.10554                                      | 0.03401              | 0.06942         | 0.08442              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.08674                                      | 0.03401              | 0.05100         | 0.06600              | kWh                 |         |         |     |
| Residential Time of Use C (E-TOU C)                                | E-TOU C   | Summer     | Peak                        | 0.16645                                      | 0.03401              | 0.12911         | 0.14411              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.10301                                      | 0.03401              | 0.06694         | 0.08194              | kWh                 |         |         |     |
|  |   | Winter     | Peak                        | 0.10999                                      | 0.03401              | 0.07378         | 0.08878              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.09266                                      | 0.03401              | 0.05680         | 0.07180              | kWh                 |         |         |     |
| Electric Vehicle Time-of-Use Service (EV)                          | EV A, EVB   | Summer     | Peak                        | 0.24674                                      | 0.03401              | 0.20780         | 0.22280              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.11891                                      | 0.03401              | 0.08252         | 0.09752              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.05976                                      | 0.03401              | 0.02455         | 0.03955              | kWh                 |         |         |     |
|  |   | Winter     | Peak                        | 0.09220                                      | 0.03401              | 0.05635         | 0.07135              | kWh                 |         |         |     |
| Residential Multi Meter Standby                                    | SEM   | Year round | Reservation Charge          | 0.42   | -                    | 0.41            | 0.41                 | kW                  |         |         |     |
|  |   |            | All hours                   | 0.1078                                       | 0.03401              | 0.07163         | 0.08663              | kWh                 |         |         |     |
|  |   |            | Small General Service (A-1) | A-1 A  | Summer               | All hours       | 0.12570              | 0.02528             | 0.09791 | 0.10791 | kWh |
|  |   |            | Winter                      |  | All hours            | 0.08648         | 0.02528              | 0.05947             | 0.06947 | kWh     |     |
| Small General Service (A-1TOU)                                     | A-1 B   | Summer     | Peak                        | 0.13984                                      | 0.02528              | 0.11176         | 0.12176              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.11619                                      | 0.02528              | 0.08859         | 0.09859              | kWh                 |         |         |     |
|  |   | Winter     | Off Peak                    | 0.08884                                      | 0.02528              | 0.06178         | 0.07178              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.11600                                      | 0.02528              | 0.08840         | 0.09840              | kWh                 |         |         |     |
| Small General Time-of-Use Service (A-6)                            | A-6   | Summer     | Off Peak                    | 0.09508                                      | 0.02528              | 0.06790         | 0.07790              | kWh                 |         |         |     |
|  |   |            | Peak                        | 0.37744                                      | 0.02528              | 0.34461         | 0.35461              | kWh                 |         |         |     |
|  |   | Winter     | Part Peak                   | 0.13786                                      | 0.02528              | 0.10982         | 0.11982              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.07957                                      | 0.02528              | 0.05270         | 0.06270              | kWh                 |         |         |     |
| Direct-Current General Service (A-15)                              | A-15  | Summer     | All hours                   | 0.12570                                      | 0.02528              | 0.09791         | 0.10791              | kWh                 |         |         |     |
|  |   | Winter     | All hours                   | 0.08648                                      | 0.02528              | 0.05947         | 0.06947              | kWh                 |         |         |     |
| Medium General Demand Non-Time of Use - Secondary Voltage (A-10AS) | A-10 A  | Summer     | All hours                   | 0.11614                                      | 0.02568              | 0.08814         | 0.09314              | kWh                 |         |         |     |
|  |   | Winter     | All hours                   | 0.08916                                      | 0.02568              | 0.06170         | 0.06670              | kWh                 |         |         |     |
|  |   | Summer     | Demand                      | 5.41000                                      | -                    | 5.30            | 5.30                 | kW                  |         |         |     |
| Med. General Demand Non-Time of Use - Primary Voltage (A-10AP)     | A-10 A  | Summer     | All hours                   | 0.10620                                      | 0.02568              | 0.07840         | 0.08340              | kWh                 |         |         |     |
|  |   | Winter     | All hours                   | 0.08282                                      | 0.02568              | 0.05548         | 0.06048              | kWh                 |         |         |     |
|  |   | Summer     | Demand                      | 4.70000                                      | -                    | 4.61            | 4.61                 | kW                  |         |         |     |
| Med. General Demand Non-Time of Use - Transmission (A-10AT)        | A-10 A  | Summer     | All hours                   | 0.09638                                      | 0.02568              | 0.06877         | 0.07377              | kWh                 |         |         |     |
|  |   | Winter     | All hours                   | 0.07608                                      | 0.02568              | 0.04888         | 0.05388              | kWh                 |         |         |     |
|  |   | Summer     | Demand                      | 3.69000                                      | -                    | 3.62            | 3.62                 | kW                  |         |         |     |
| Medium General Demand Time of Use - Secondary Voltage (A-10BS)     | A-10 B  | Summer     | Peak                        | 0.17002                                      | 0.02568              | 0.14094         | 0.14594              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.11489                                      | 0.02568              | 0.08691         | 0.09191              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.08682                                      | 0.02568              | 0.05940         | 0.06440              | kWh                 |         |         |     |
|  |   | Winter     | Part Peak                   | 0.09895                                      | 0.02568              | 0.07129         | 0.07629              | kWh                 |         |         |     |
| Medium General Demand Time of Use - Primary Voltage (A-10BP)       | A-10 B  | Summer     | Off Peak                    | 0.08188                                      | 0.02568              | 0.05456         | 0.05956              | kWh                 |         |         |     |
|  |   |            | Demand                      | 5.41000                                      | -                    | 5.30            | 5.30                 | kW                  |         |         |     |
|  |   | Winter     | Peak                        | 0.15813                                      | 0.02568              | 0.12929         | 0.13429              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.10757                                      | 0.02568              | 0.07974         | 0.08474              | kWh                 |         |         |     |
| Medium General Demand Time of Use - Transmission (A-10BT)          | A-10 B  | Summer     | Off Peak                    | 0.08094                                      | 0.02568              | 0.05364         | 0.05864              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.09387                                      | 0.02568              | 0.06631         | 0.07131              | kWh                 |         |         |     |
|  |   | Winter     | Off Peak                    | 0.07799                                      | 0.02568              | 0.05075         | 0.05575              | kWh                 |         |         |     |
|  |   |            | Demand                      | 4.70000                                      | -                    | 4.61            | 4.61                 | kW                  |         |         |     |
| Medium General Demand Time of Use - Secondary Voltage (A-10BS)     | A-10 B  | Summer     | Peak                        | 0.14390                                      | 0.02568              | 0.11534         | 0.12034              | kWh                 |         |         |     |
|  |   |            | Part Peak                   | 0.09703                                      | 0.02568              | 0.06941         | 0.07441              | kWh                 |         |         |     |
|  |   |            | Off Peak                    | 0.07172                                      | 0.02568              | 0.04461         | 0.04961              | kWh                 |         |         |     |
|  |   | Winter     | Part Peak                   | 0.08524                                      | 0.02568              | 0.05786         | 0.06286              | kWh                 |         |         |     |
| Medium General Demand Time of Use - Transmission (A-10BT)          | A-10 B  | Summer     | Off Peak                    | 0.07066                                      | 0.02568              | 0.04357         | 0.04857              | kWh                 |         |         |     |
|  |   |            | Demand                      | 3.69000                                      | -                    | 3.62            | 3.62                 | kW                  |         |         |     |



| Tariff Title  | Applies To Customers on Following PG&E Rate Schedules | Season               | Hours Applied        | PG&E Generation Rate (\$)<br>(March 1, 2018) | PCIA & Franchise Fee | Green Rate (\$) | SuperGreen Rate (\$) | Billing Determinant |
|---|---|----------------------|----------------------|--|----------------------|-----------------|----------------------|---------------------|
| Medium General Demand<br>Time of Use - Secondary<br>(E-19S)                                   | E-19  | Summer               | Peak                 | 0.13766                                      | 0.02165              | 0.11326         | 0.11826              | kWh                 |
|   |   |                      | Part Peak            | 0.09324                                      | 0.02165              | 0.06973         | 0.07473              | kWh                 |
|   |   |                      | Off Peak             | 0.06382                                      | 0.02165              | 0.04089         | 0.04589              | kWh                 |
|   |   |                      | Max Peak Demand      | 13.86000                                     | -                    | 13.58           | 13.58                | kW                  |
|   |   | Max Part Peak Demand | 3.42000              | -  | 3.35                 | 3.35            | kW                   |                     |
|   |   | Winter               | Part Peak            | 0.08715                                      | 0.02165              | 0.06376         | 0.06876              | kWh                 |
|   |   |                      | Off Peak             | 0.07112                                      | 0.02165              | 0.04805         | 0.05305              | kWh                 |
|   |   |                      | Peak                 | 0.12751                                      | 0.02165              | 0.10331         | 0.10831              | kWh                 |
| Part Peak   |   |                      | 0.08546              | 0.02165                                      | 0.06210              | 0.06710         | kWh                  |                     |
| Summer  |   | Off Peak             | 0.05843              | 0.02165                                      | 0.03561              | 0.04061         | kWh                  |                     |
|   |   | Max Peak Demand      | 12.37000             | -  | 12.12                | 12.12           | kW                   |                     |
|   |   | Max Part Peak Demand | 3.01000              | -  | 2.95                 | 2.95            | kW                   |                     |
|   |   | Winter               | Part Peak            | 0.07978                                      | 0.02165              | 0.05653         | 0.06153              | kWh                 |
| Off Peak  |   |                      | 0.06511              | 0.02165                                      | 0.04216              | 0.04716         | kWh                  |                     |
| Peak  |   |                      | 0.09096              | 0.02165                                      | 0.06749              | 0.07249         | kWh                  |                     |
| Part Peak   |   |                      | 0.07669              | 0.02165                                      | 0.05351              | 0.05851         | kWh                  |                     |
| Medium General Demand<br>Time of Use - Transmission<br>(E-19T)                                | Summer  | Off Peak             | 0.05780              | 0.02165                                      | 0.03499              | 0.03999         | kWh                  |                     |
|   |   | Max Peak Demand      | 14.06000             | -  | 13.78                | 13.78           | kW                   |                     |
|   |   | Max Part Peak Demand | 3.53000              | -  | 3.46                 | 3.46            | kW                   |                     |
|   |   | Winter               | Part Peak            | 0.07893                                      | 0.02165              | 0.05570         | 0.06070              | kWh                 |
| Off Peak  | 0.06442   |                      | 0.02165              | 0.04148                                      | 0.04648              | kWh             |                      |                     |
| Peak  | 0.29098   |                      | 0.02165              | 0.26351                                      | 0.26851              | kWh             |                      |                     |
| Part Peak   | 0.12891   |                      | 0.02165              | 0.10468                                      | 0.10968              | kWh             |                      |                     |
| Medium General Demand<br>Time of Use - Secondary<br>With Qualifying Solar PV<br>(E-19-S-R)    | Winter  | Off Peak             | 0.06382              | 0.02165                                      | 0.04089              | 0.04589         | kWh                  |                     |
|   |   | Part Peak            | 0.08715              | 0.02165                                      | 0.06376              | 0.06876         | kWh                  |                     |
|   |   | Off Peak             | 0.07112              | 0.02165                                      | 0.04805              | 0.05305         | kWh                  |                     |
|   |   | Peak                 | 0.27796              | 0.02165                                      | 0.25075              | 0.25575         | kWh                  |                     |
| Medium General Demand<br>Time of Use - Primary<br>With Qualifying Solar PV<br>(E-19-P-R)      | Summer  | Part Peak            | 0.11993              | 0.02165                                      | 0.09588              | 0.10088         | kWh                  |                     |
|   |   | Off Peak             | 0.05843              | 0.02165                                      | 0.03561              | 0.04061         | kWh                  |                     |
|   |   | Part Peak            | 0.07978              | 0.02165                                      | 0.05653              | 0.06153         | kWh                  |                     |
|   |   | Off Peak             | 0.06511              | 0.02165                                      | 0.04216              | 0.04716         | kWh                  |                     |
| Medium General Demand<br>Time of Use - Transmission<br>With Qualifying Solar PV<br>(E-19-T-R) | Winter  | Part Peak            | 0.07893              | 0.02165                                      | 0.05570              | 0.06070         | kWh                  |                     |
|   |   | Off Peak             | 0.06442              | 0.02165                                      | 0.04148              | 0.04648         | kWh                  |                     |
|   |   | Peak                 | 0.27686              | 0.02165                                      | 0.24967              | 0.25467         | kWh                  |                     |
|   |   | Part Peak            | 0.12054              | 0.02165                                      | 0.09648              | 0.10148         | kWh                  |                     |
| Service to Max Demands >1,000 kW<br>Time of Use - Secondary Voltage<br>(E-20S)                | E-20  | Summer               | Off Peak             | 0.05780                                      | 0.02165              | 0.03499         | 0.03999              | kWh                 |
|   |   |                      | Part Peak            | 0.07893                                      | 0.02165              | 0.05570         | 0.06070              | kWh                 |
|   |   |                      | Off Peak             | 0.06442                                      | 0.02165              | 0.04148         | 0.04648              | kWh                 |
|   |   |                      | Peak                 | 0.12784                                      | 0.02083              | 0.10445         | 0.11445              | kWh                 |
|   |   | Part Peak            | 0.08747              | 0.02083                                      | 0.06489              | 0.07489         | kWh                  |                     |
|   |   | Off Peak             | 0.05976              | 0.02083                                      | 0.03773              | 0.04773         | kWh                  |                     |
|   |   | Max Peak Demand      | 13.41000             | -  | 13.14                | 13.14           | kW                   |                     |
|   |   | Max Part Peak Demand | 3.31000              | -  | 3.24                 | 3.24            | kW                   |                     |
| Winter  |   | Part Peak            | 0.08161              | 0.02083                                      | 0.05915              | 0.06915         | kWh                  |                     |
|   |   | Off Peak             | 0.06659              | 0.02083                                      | 0.04443              | 0.05443         | kWh                  |                     |
|   |   | Peak                 | 0.13073              | 0.01944                                      | 0.10868              | 0.11868         | kWh                  |                     |
|   |   | Part Peak            | 0.08623              | 0.01944                                      | 0.06507              | 0.07507         | kWh                  |                     |
| Service to Max Demands >1,000 kW<br>Time of Use - Primary Voltage<br>(E-20P)                  |   | Summer               | Off Peak             | 0.05886                                      | 0.01944              | 0.03824         | 0.04824              | kWh                 |
|   |   |                      | Max Peak Demand      | 14.72000                                     | -                    | 14.43           | 14.43                | kW                  |
|   |   |                      | Max Part Peak Demand | 3.48000                                      | -                    | 3.41            | 3.41                 | kW                  |
|   |   |                      | Winter               | Part Peak                                    | 0.08037              | 0.01944         | 0.05932              | 0.06932             |
| Off Peak  | 0.06558   | 0.01944              |                      | 0.04483                                      | 0.05483              | kWh             |                      |                     |
| Peak  | 0.08550   | 0.01786              |                      | 0.06593                                      | 0.07593              | kWh             |                      |                     |
| Part Peak   | 0.07209   | 0.01786              |                      | 0.05279                                      | 0.06279              | kWh             |                      |                     |
| Service to Max Demands >1,000 kW<br>Time of Use - Transmission<br>(E-20T)                     | Summer  | Off Peak             | 0.05434              | 0.01786                                      | 0.03539              | 0.04539         | kWh                  |                     |
|   |   | Max Peak Demand      | 17.42000             | -  | 17.07                | 17.07           | kW                   |                     |
|   |   | Max Part Peak Demand | 4.15000              | -  | 4.07                 | 4.07            | kW                   |                     |
|   |   | Winter               | Part Peak            | 0.07420                                      | 0.01786              | 0.05486         | 0.06486              | kWh                 |
| Off Peak  | 0.06056   |                      | 0.01786              | 0.04149                                      | 0.05149              | kWh             |                      |                     |
| Peak  | 0.26514   |                      | 0.02083              | 0.23901                                      | 0.24901              | kWh             |                      |                     |
| Part Peak   | 0.12067   |                      | 0.02083              | 0.09743                                      | 0.10743              | kWh             |                      |                     |
| Medium General Demand<br>With Qualifying Solar PV<br>Time of Use - Secondary<br>E-20-S-R      | Winter  | Off Peak             | 0.05976              | 0.02083                                      | 0.03773              | 0.04773         | kWh                  |                     |
|   |   | Part Peak            | 0.08161              | 0.02083                                      | 0.05915              | 0.06915         | kWh                  |                     |
|   |   | Off Peak             | 0.06659              | 0.02083                                      | 0.04443              | 0.05443         | kWh                  |                     |
|   |   | Peak                 | 0.28229              | 0.01944                                      | 0.25720              | 0.26720         | kWh                  |                     |
| Medium General Demand<br>With Qualifying Solar PV<br>Time of Use - Primary<br>E-20-P-R        | Summer  | Part Peak            | 0.11956              | 0.01944                                      | 0.09773              | 0.10773         | kWh                  |                     |
|   |   | Off Peak             | 0.05886              | 0.01944                                      | 0.03824              | 0.04824         | kWh                  |                     |
|   |   | Part Peak            | 0.08037              | 0.01944                                      | 0.05932              | 0.06932         | kWh                  |                     |
|   |   | Off Peak             | 0.06558              | 0.01944                                      | 0.04483              | 0.05483         | kWh                  |                     |
| Medium General Demand<br>With Qualifying Solar PV<br>Time of Use - Transmission<br>E-20-T-R   | Summer  | Peak                 | 0.27362              | 0.01786                                      | 0.25029              | 0.26029         | kWh                  |                     |
|   |   | Part Peak            | 0.11193              | 0.01786                                      | 0.09183              | 0.10183         | kWh                  |                     |
|   |   | Off Peak             | 0.05434              | 0.01786                                      | 0.03539              | 0.04539         | kWh                  |                     |
|   |   | Part Peak            | 0.07420              | 0.01786                                      | 0.05486              | 0.06486         | kWh                  |                     |
|   | Winter  | Off Peak             | 0.06056              | 0.01786                                      | 0.04149              | 0.05149         | kWh                  |                     |



| Tariff Title  | Applies To Customers on Following PG&E Rate Schedules   | Season  | Hours Applied      | PG&E Generation Rate (\$)<br>(March 1, 2018) | PCIA & Franchise Fee | Green Rate (\$) | SuperGreen Rate (\$) | Billing Determinant |
|---|---|---|--------------------|--|----------------------|-----------------|----------------------|---------------------|
| Customer-Owned Street and Highway Lighting<br>Customer-Owned Street and Highway Lighting Electroliner Meter Rate<br>Outdoor Area Lighting Services (LS-1) | LS-2, LS-3, OL-1  | Year round                                    | All hours          | 0.08753                                      | 0.0065               | 0.07928         | 0.08928              | kWh                 |
| Traffic Control Service (TC-1)  | TC-1  | Year round                                    | All hours          | 0.09504                                      | 0.02527              | 0.06787         | 0.07787              | kWh                 |
| Agricultural Power (AG-1)   | AG-1 A  | Summer  | All hours          | 0.10874                                      | 0.02516              | 0.08141         | 0.09141              | kWh                 |
|   |   | Connected Load                                | 1.49000            | -  | 1.46                 | 1.46            | kW                   |                     |
|   | AG-1 B  | Winter  | All hours          | 0.08721                                      | 0.02516              | 0.06031         | 0.07031              | kWh                 |
|   |   | Summer  | All hours          | 0.11198                                      | 0.02516              | 0.08458         | 0.09458              | kWh                 |
|   |   |   | Max Demand         | 2.24000                                      | -                    | 2.20            | 2.20                 | kW                  |
| Winter  | Primary Voltage Disc.   | 0.83000                                       | -                  | 0.81   | 0.81                 | kW              |                      |                     |
| Agricultural Power, Time-of-Use (AG-4A)   | AG-4 A, AG-4 D  | Summer  | All hours          | 0.08729                                      | 0.02516              | 0.06038         | 0.07038              | kWh                 |
|   |   | Off Peak                                      | 0.07511            | 0.02516                                      | 0.04845              | 0.05845         | kWh                  |                     |
|   | Winter  | Connected Load                                | 1.48000            | -  | 1.45                 | 1.45            | kW                   |                     |
|   |   | Part Peak                                     | 0.07960            | 0.02516                                      | 0.05285              | 0.06285         | kWh                  |                     |
|   |   | Off Peak                                      | 0.06782            | 0.02516                                      | 0.04130              | 0.05130         | kWh                  |                     |
| Agricultural Power, Time-of-Use (AG-4B)   | AG-4 B, AG-4 E  | Summer  | Peak               | 0.13325                                      | 0.02516              | 0.10543         | 0.11543              | kWh                 |
|   |   | Off Peak                                      | 0.07734            | 0.02516                                      | 0.05063              | 0.06063         | kWh                  |                     |
|   | Winter  | Max Demand                                    | 2.62000            | -  | 2.57                 | 2.57            | kW                   |                     |
|   |   | Max Peak Demand                               | 2.78000            | -  | 2.72                 | 2.72            | kW                   |                     |
|   |   | Primary Voltage Disc. (per Max Demand)        | 0.65000            | -  | 0.65                 | 0.65            | kW                   |                     |
| Agricultural Power, Time-of-Use (AG-4C)   | AG-4 C, AG-4 F  | Summer  | Part Peak          | 0.07542                                      | 0.02516              | 0.04875         | 0.05875              | kWh                 |
|   |   |   | Off Peak           | 0.06417                                      | 0.02516              | 0.03773         | 0.04773              | kWh                 |
|   |   |   | Peak               | 0.15377                                      | 0.02516              | 0.12553         | 0.13553              | kWh                 |
|   |   |   | Part Peak          | 0.08705                                      | 0.02516              | 0.06015         | 0.07015              | kWh                 |
|   |   |   | Off Peak           | 0.06281                                      | 0.02516              | 0.03639         | 0.04639              | kWh                 |
|   | Winter  | Max Peak Demand                               | 6.45000            | -  | 6.32                 | 6.32            | kW                   |                     |
|   |   | Max Part Peak Demand                          | 1.10000            | -  | 1.08                 | 1.08            | kW                   |                     |
|   |   | Primary Voltage Disc. (per Max Peak Demand)   | 1.12000            | -  | 1.12                 | 1.12            | kW                   |                     |
|   |   | Trans. Volt. Disc. (per Max Peak Demand)      | 2.06000            | -  | 2.06                 | 2.06            | kW                   |                     |
|   |   | Trans. Volt. Disc. (per Max Part Peak Demand) | -0.02000           | -  | (0.02)               | (0.02)          | kW                   |                     |
| Large Time-of-Use Agricultural Power (AG-5A)  | AG-5 A, AG-5 D  | Summer  | Part Peak          | 0.06969                                      | 0.02516              | 0.04314         | 0.05314              | kWh                 |
|   |   |   | Off Peak           | 0.05928                                      | 0.02516              | 0.03293         | 0.04293              | kWh                 |
|   | Winter  | Peak  | 0.16283            | 0.02516                                      | 0.13441              | 0.14441         | kWh                  |                     |
|   |   | Off Peak                                      | 0.08051            | 0.02516                                      | 0.05374              | 0.06374         | kWh                  |                     |
| Large Time-of-Use Agricultural Power (AG-5B)  | AG-5 B, AG-5 E  | Summer  | Connected Load     | 4.05000                                      | -                    | 3.97            | 3.97                 | kW                  |
|   |   |   | Part Peak          | 0.08432                                      | 0.02516              | 0.05747         | 0.06747              | kWh                 |
|   |   |   | Off Peak           | 0.07191                                      | 0.02516              | 0.04531         | 0.05531              | kWh                 |
|   |   |   | Peak               | 0.15904                                      | 0.02516              | 0.13070         | 0.14070              | kWh                 |
|   |   |   | Off Peak           | 0.05347                                      | 0.02516              | 0.02724         | 0.03724              | kWh                 |
|   | Winter  | Max Demand                                    | 4.87000            | -  | 4.77                 | 4.77            | kW                   |                     |
|   |   | Max Peak Demand                               | 6.10000            | -  | 5.98                 | 5.98            | kW                   |                     |
|   |   | Primary Voltage Disc. (per Max Demand)        | 1.53000            | -  | 1.53                 | 1.53            | kW                   |                     |
|   |   | Trans. Volt. Disc. (per Max Demand)           | 2.66000            | -  | 2.66                 | 2.66            | kW                   |                     |
|   |   | Part Peak                                     | 0.07547            | 0.02516                                      | 0.04880              | 0.05880         | kWh                  |                     |
| Large Time-of-Use Agricultural Power (AG-5C)  | AG-5 C, AG-5 F  | Summer  | Off Peak           | 0.04437                                      | 0.02516              | 0.01832         | 0.02832              | kWh                 |
|   |   |   | Peak               | 0.13183                                      | 0.02516              | 0.10403         | 0.11403              | kWh                 |
|   |   |   | Part Peak          | 0.07612                                      | 0.02516              | 0.04944         | 0.05944              | kWh                 |
|   |   |   | Off Peak           | 0.05538                                      | 0.02516              | 0.02911         | 0.03911              | kWh                 |
|   |   |   | Max Peak Demand    | 11.31000                                     | -                    | 11.08           | 11.08                | kW                  |
|   | Winter  | Max Part Peak Demand                          | 2.13000            | -  | 2.09                 | 2.09            | kW                   |                     |
|   |   | Primary Voltage Disc. (per Max Peak Demand)   | 2.33000            | -  | 2.28                 | 2.28            | kW                   |                     |
|   |   | Trans. Volt. Disc. (per Max Peak Demand)      | 4.36000            | -  | 4.27                 | 4.27            | kW                   |                     |
|   |   | Part Peak                                     | 0.06159            | 0.01249                                      | 0.04787              | 0.05787         | kWh                  |                     |
|   |   | Off Peak                                      | 0.05217            | 0.01249                                      | 0.03864              | 0.04864         | kWh                  |                     |
| Standby Service - Secondary and Primary Voltage   | Applies to Full Standby customers under Rate Schedule S. All partial standby customers are billed at their Otherwise Applicable Schedule ("OAS") rate | Year round                                    | Reservation Charge | 0.42000                                      | -                    | 0.41            | 0.41                 | kW                  |
|   |   | Summer  | Peak               | 0.10947                                      | 0.01246              | 0.09482         | 0.10482              | kWh                 |
|   |   |   | Part Peak          | 0.09210                                      | 0.01246              | 0.07780         | 0.08780              | kWh                 |
|   |   |   | Off Peak           | 0.06937                                      | 0.01246              | 0.05552         | 0.06552              | kWh                 |
|   |   | Winter  | Part Peak          | 0.09487                                      | 0.01246              | 0.08051         | 0.09051              | kWh                 |
| Off Peak  | 0.07726   | 0.01246                                       | 0.06325            | 0.07325                                      | kWh                  |                 |                      |                     |
| Standby Service - Transmission Voltage  | Applies to Full Standby customers under Rate Schedule S. All partial standby customers are billed at their Otherwise Applicable Schedule ("OAS") rate | Year round                                    | Reservation Charge | 0.35000                                      | -                    | 0.34            | 0.34                 | kW                  |
|   |   | Summer  | Peak               | 0.09192                                      | 0.01246              | 0.07762         | 0.08762              | kWh                 |
|   |   |   | Part Peak          | 0.07749                                      | 0.01246              | 0.06348         | 0.07348              | kWh                 |
|   |   |   | Off Peak           | 0.05841                                      | 0.01246              | 0.04478         | 0.05478              | kWh                 |
|   |   | Winter  | Part Peak          | 0.07976                                      | 0.01246              | 0.06570         | 0.07570              | kWh                 |
| Off Peak  | 0.06511   | 0.01246                                       | 0.05135            | 0.06135                                      | kWh                  |                 |                      |                     |
| NEM-CleanPowerSF<br>Net Surplus Compensation Rates  | NEM-CleanPowerSF  | N/A   | All hours          | N/A  | N/A                  | N/A             | 0.08930              | kWh                 |



**Exhibit 2: CleanPowerSF Termination Fees  
Effective July 1, 2018**

|   | <b>Residential</b> | <b>Non-Residential</b> |
|---|--------------------|------------------------|
| Within Statutory Notification/Opt-Out Period  | \$0                | \$0                    |
| After Statutory Notification/Opt-Out Period Ends (60 days after service commencement) | \$5<br>\$0         | \$25<br>\$0            |







# CleanPowerSF Rate Proposal FY 2018-2019

*Michael Hyams and  
Charles Perl*

April 10, 2018

**CleanPowerSF**

*Same Service • Cleaner Energy*





San Francisco  
**Water**  
**Power**  
**Sewer**

# Agenda

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1. Background
2. Changes Since Last Rate Action
3. Proposed CleanPowerSF Rates
4. Financial Forecast
5. Discussion





San Francisco  
**Water**  
**Power**  
**Sewer**

# Background: Rate Proposal Objectives

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Ensure CleanPowerSF Green and SuperGreen program rates:

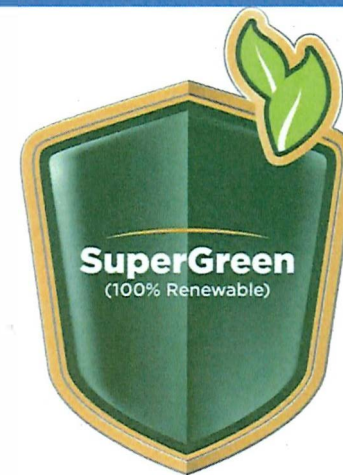
1. Recover costs
2. Satisfy financial covenants, including funding reserves and satisfying debt service coverage requirement
3. Remain competitive
4. Comply with PUC policies





# Background: CleanPowerSF Program Status

- Program serving customers since May 2016
- Serving about 81,000 customers now
- Program opt-out rate consistently at 3.2%
- CleanPowerSF offering two products
  - Green – 40+% renewable energy, our default product into which customers are auto-enrolled
  - SuperGreen – 100% renewable energy, an upgrade
    - 4% of customers have “opted up” to SuperGreen
- Preparing next auto-enrollment for July 2018
- Final auto-enrollment for July 2019









San Francisco  
Water  
Power  
Sewer

## Background: Phasing Policy

---

- December 8, 2015 the Commission adopted a CleanPowerSF Phasing Policy
- Rates-related Phasing Policies that must be met for additional CleanPowerSF customer enrollment:
  - Program rates being sufficient to cover program costs
  - Rates for a subsequent phase are projected to be at or below PG&E rates at the launch of each phase





# Background: Rate Setting Policy

---

- December 8, 2015 the Commission adopted a CleanPowerSF Rate Setting Policy, consistent with the Charter (Section 8B.125)
- On September 12, 2017 the Commission adopted a Ratepayer Assurance Policy, to ensure:
  - Revenue Sufficiency
  - Customer Equity
  - Environmental Sustainability
  - Affordability
  - Predictability
  - Simplicity
  - Transparency
  - Compliance
- CleanPowerSF rates are set consistent with these policies



San Francisco  
Water  
Power  
Sewer

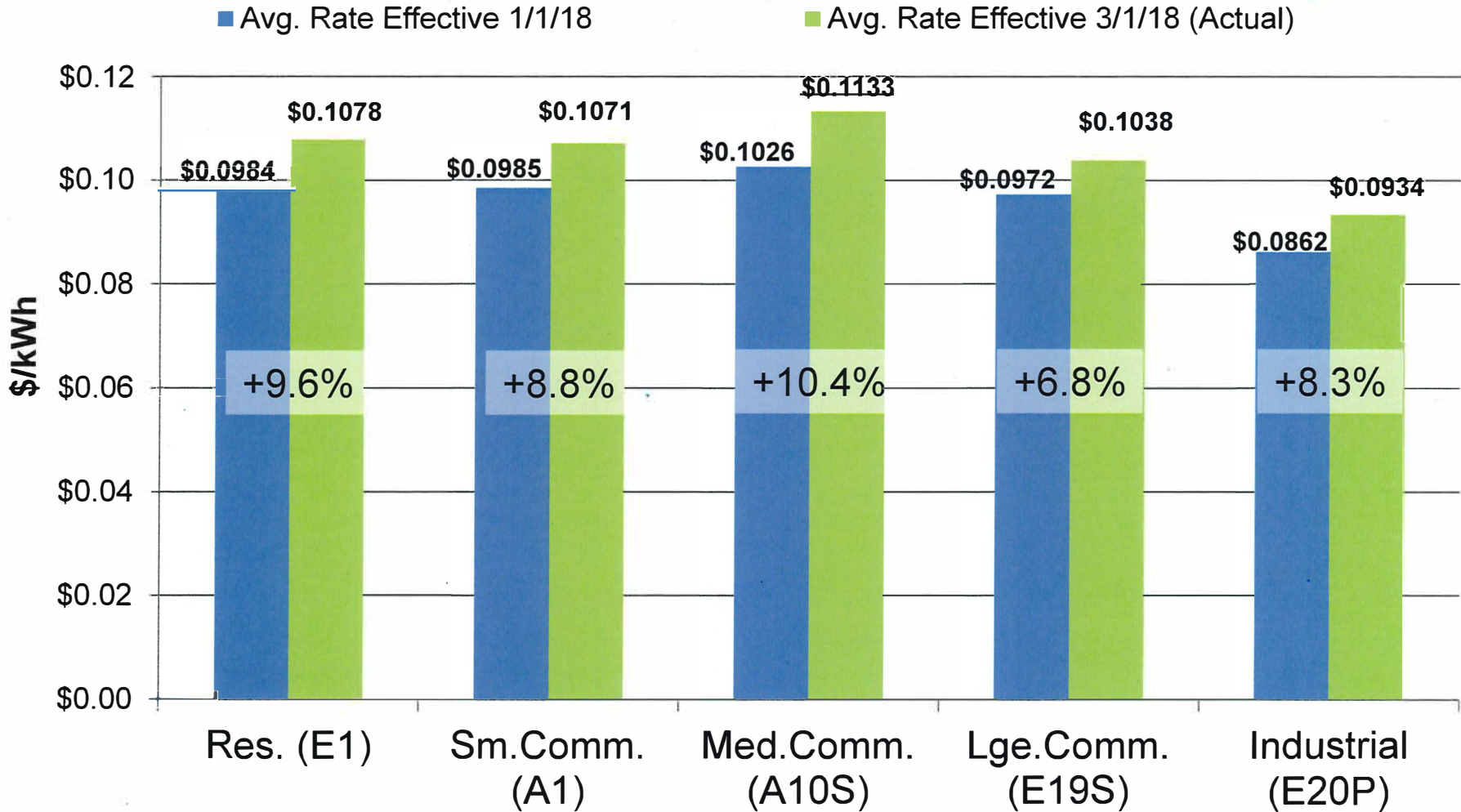
## Background: Previous Rate Actions

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- May 2016
  - Adopted a Net Energy Metering Tariff for customers with on-site renewable generation (Schedule NEM-CleanPowerSF)
  - Adopted new residential Time-of-Use rates to mirror those put in place by PG&E (E-TOU)
- April 2017
  - Reduced Green rates by 4% on average and reduced SuperGreen product rates for FY2016-2017
- January 2018
  - Reduced SuperGreen premiums, effective March 2018
  - Adopted modifications to the NEM Tariff

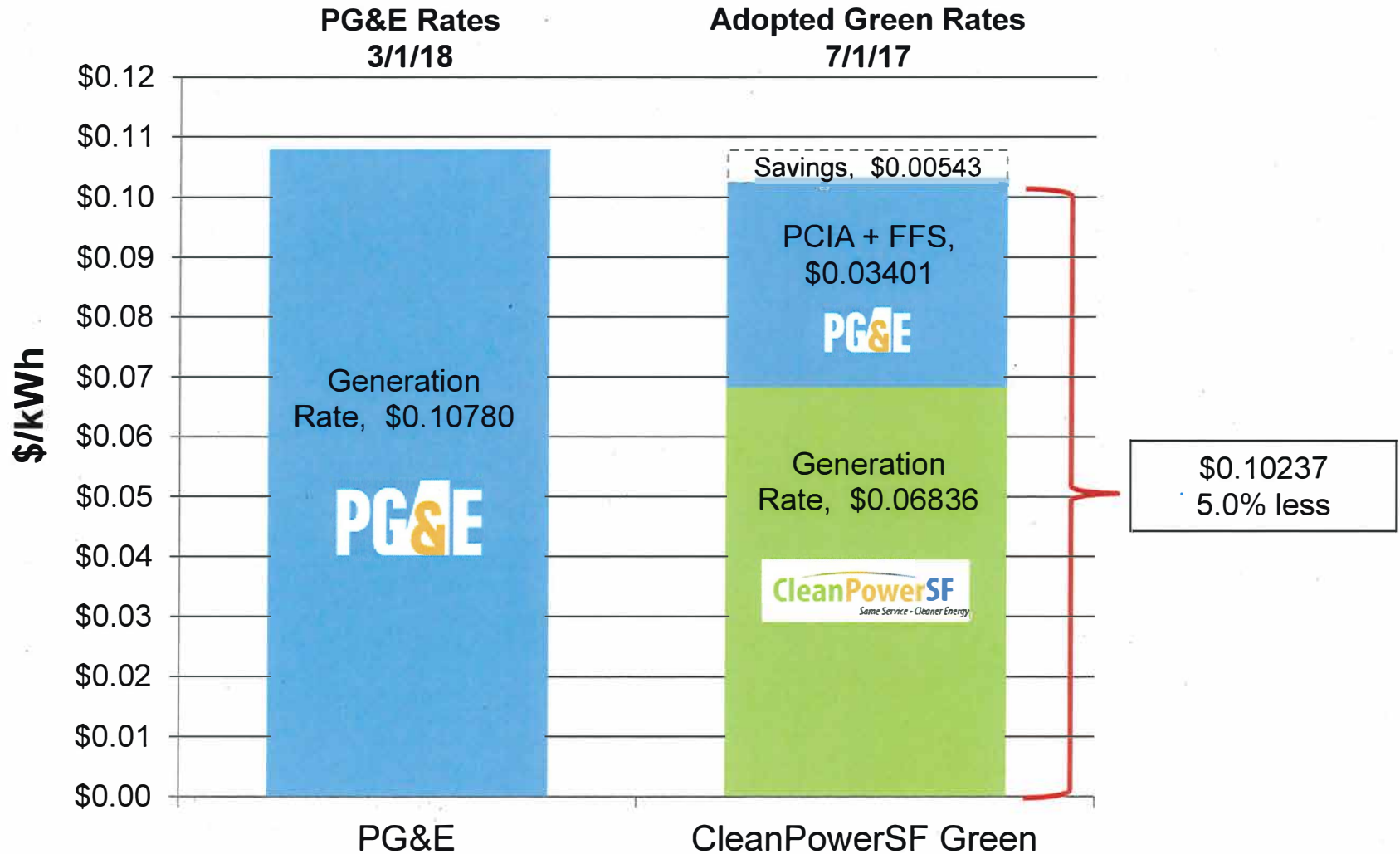


# Changes Since Last Rate Action: PG&E Generation Rates *Went Up on 3/1/18*





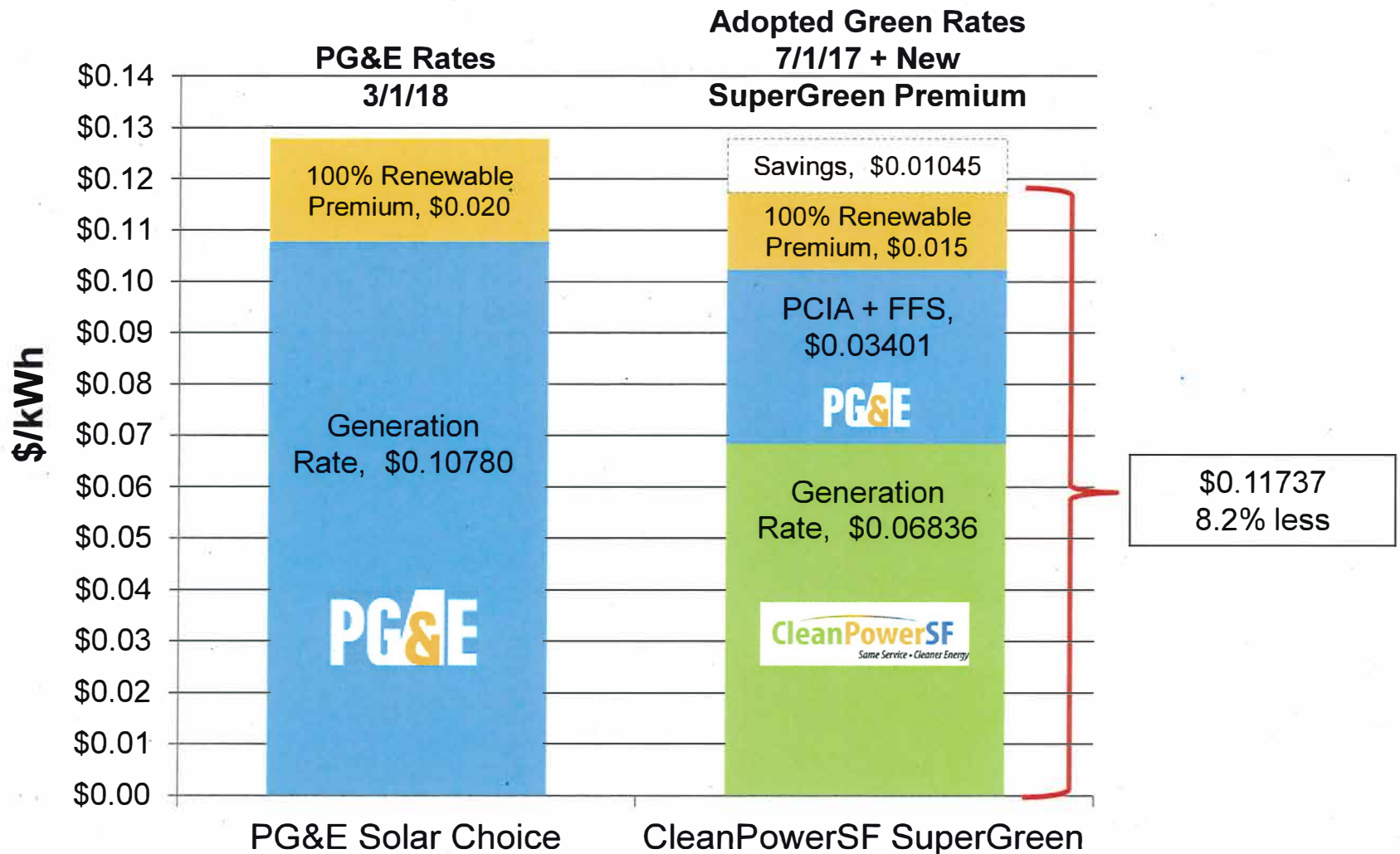
# Current CleanPowerSF Rates Green (Residential)



\$0.10237  
5.0% less



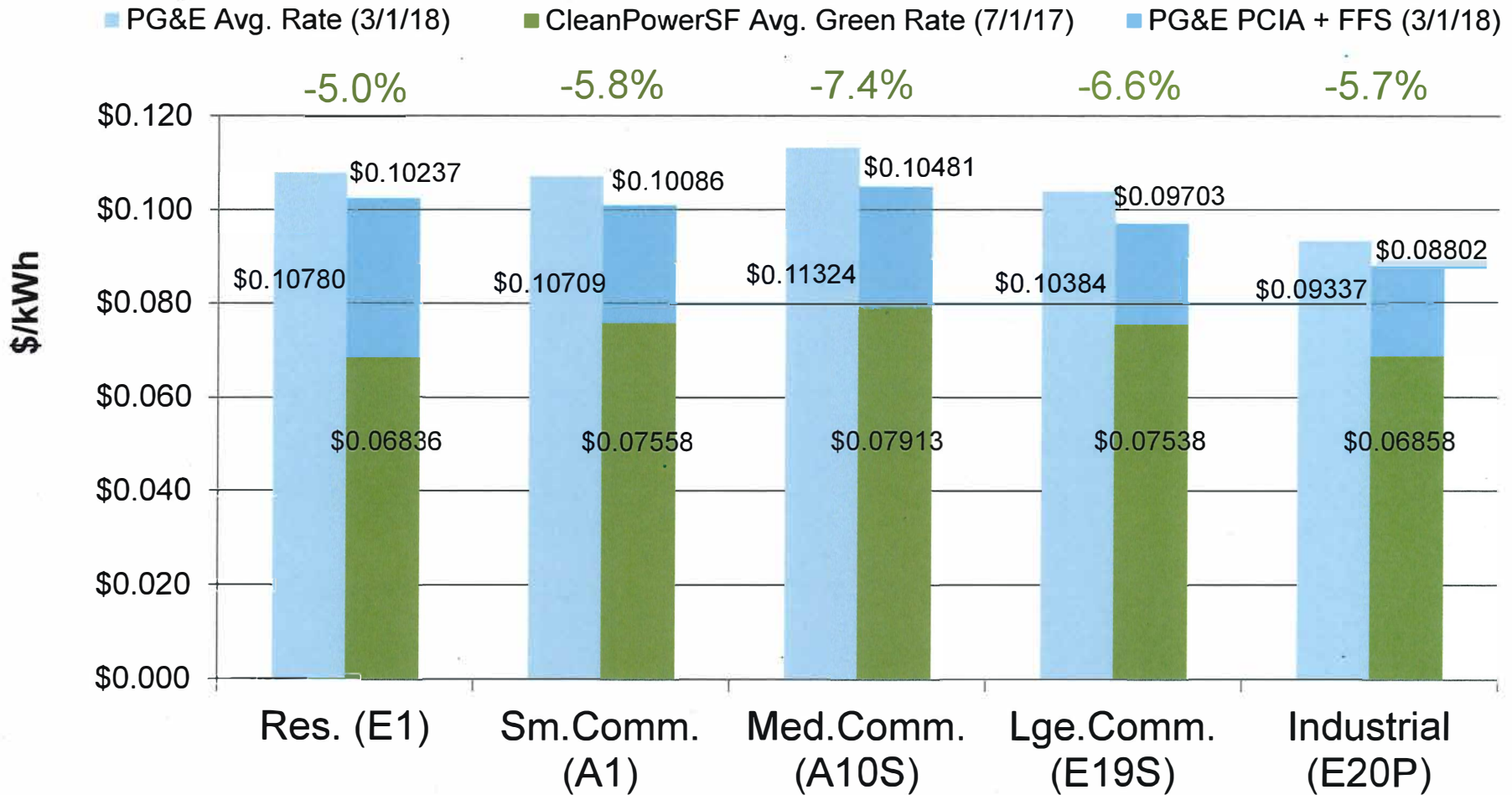
# Current CleanPowerSF Rates SuperGreen (Residential)





# Current CleanPowerSF Rates

## Green v. New PG&E Generation and PCIA Rates





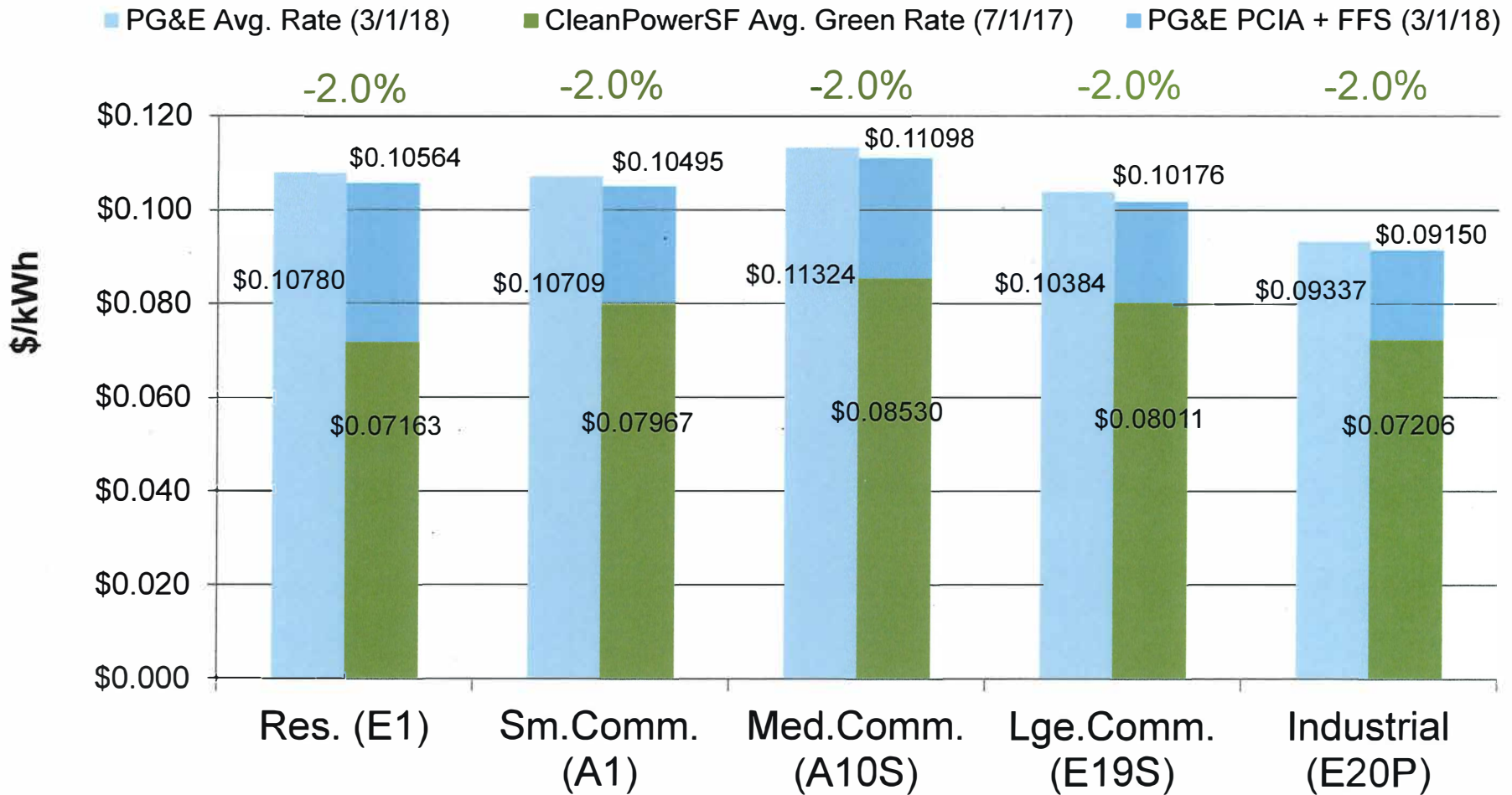


# Proposed FY 2018-19 CleanPowerSF Rates

- Green Rates
  - Increase rates about 5%, on average, but maintain a 2% discount relative to PG&E after accounting for surcharges
  - Rates recover operating costs, satisfy financial covenants and fund program reserves
- SuperGreen Rate Premiums
  - Reduce Medium and Large Commercial Premiums from 1.0 cents per kWh to 0.5 cents per kWh
  - SuperGreen revenues projected to recover SuperGreen costs
- Late Opt-out Fee
  - Set residential and commercial termination fees to \$0 through the end of the citywide enrollment period



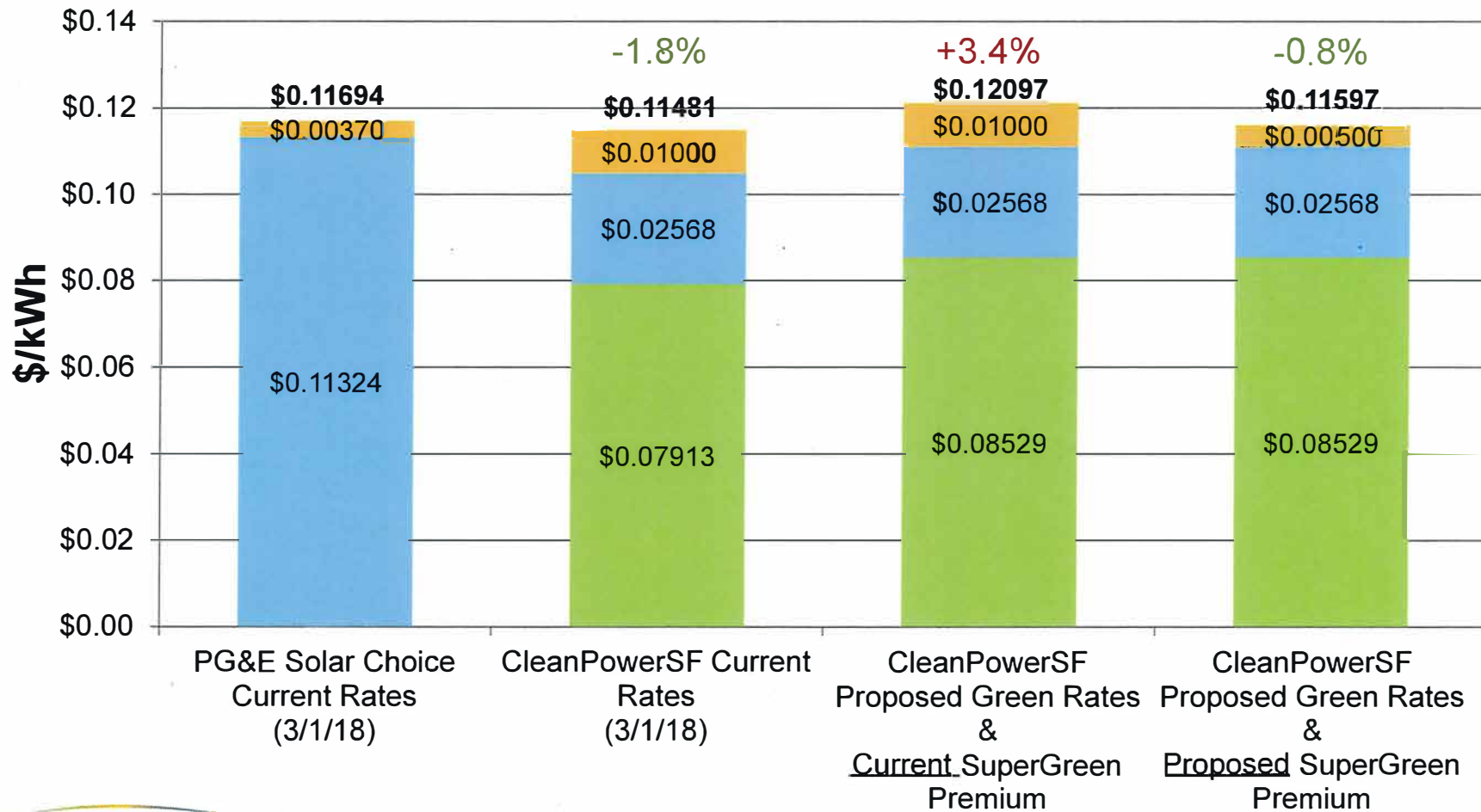
# Proposed CleanPowerSF Rates (2% Discount) Green v. New PG&E Generation and PCIA Rates





# Proposed SuperGreen Rates Medium Commercial (A-10)

■ Average Generation Rate ■ PG&E PCIA + FFS ■ Premium for 100% Renewable Energy





# Financial Forecast for FYE 19

## Total Revenues (incl. Green and SuperGreen)

| Scenario                              | Total Revenue (\$M) | Projected Contribution to Reserves (\$M) | Projected Year End Fund Balance (\$M, % of Target) |     |
|---------------------------------------|---------------------|--|--|-----|
| No Change from Current Rates          | \$147.9             | \$12.4                                   | \$23.6   | 44% |
| Rate Proposal (2% Discount from PG&E) | \$157.7             | \$22.1                                   | \$33.4   | 59% |
| 0.25% Discount from PG&E              | \$161.3             | \$25.8                                   | \$37.0   | 67% |



San Francisco  
**Water**  
**Power**  
**Sewer**

# Discussion

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Services of the San Francisco Public Utilities Commission

# Attachments



## Background: CleanPowerSF Initial Rates

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- The Commission also adopted rates for program launch using the Not-to-Exceed rate setting methodology presented to the RFB on April 17, 2015:
  - PG&E Generation Rate(s)
  - PG&E Power Charge Indifference Adjustment (PCIA)
  - PG&E Franchise Fee Surcharge (FFS)
  - = CleanPowerSF NTE rate(s) for default product
- CleanPowerSF Green rates set 0.25% below PG&E rates as of March 1, 2016 minus PCIA and FFS
  - Results in greener energy and bills lower compared to PG&E
- SuperGreen \$0.02/kWh premium over Green rates

**From:** [Kern, Chris \(CPC\)](#)  
**To:** [Revelli, Lindsay \(PUC\)](#)  
**Cc:** [Johnston, Timothy \(CPC\)](#); [Torrey, Irina \(PUC\)](#)  
**Subject:** RE: SFPUC CEQA Statutory Exemption Request - CleanPowerSF Revised Rates  
**Date:** Monday, March 26, 2018 10:04:05 AM  
**Attachments:** [image001.png](#)

---

Hi Lindsay, the Planning Department has determined that the SFPUC's Proposal to Adopt Revised Rates and Charges for Community Choice Aggregation (CCA) Program (CleanPowerSF) Service within San Francisco is statutorily exempt from environmental review in accordance with CEQA section 21080(b)(8) and CEQA Guidelines section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

**Chris Kern, Principal Planner**  
**Environmental Planning Division**  
San Francisco Planning Department  
1650 Mission Street, Suite 400, San Francisco, CA 94103  
**Direct:** 415-575-9037 | [www.sfplanning.org](http://www.sfplanning.org)  
[San Francisco Property Information Map](#)

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**From:** Revelli, Lindsay [mailto:LRevelli@sfwater.org]  
**Sent:** Friday, March 23, 2018 9:37 AM  
**To:** Kern, Chris (CPC)  
**Cc:** Johnston, Timothy (CPC); Bordon, Rhia (CPC)  
**Subject:** SFPUC CEQA Statutory Exemption Request - CleanPowerSF Revised Rates

Hi Chris – Please find attached for your review the Statutory Exemption Request for the Proposal to Adopt Revised Rates and Charges for Community Choice Aggregation (CCA) Program (CleanPowerSF) Service within San Francisco.

Please feel free to contact me with any questions you may have.

Thanks very much,

Lindsay

Lindsay Lane Revelli  
Environmental Project Manager  
San Francisco Public Utilities Commission  
Bureau of Environmental Management  
525 Golden Gate Avenue, 6th Floor, San Francisco, CA 94102  
D 415-554-1823 F 415-934-5750







March 22, 2018

Mr. Chris Kern, Senior Environmental Planner  
 Environmental Planning Division  
 San Francisco Planning Department  
 1650 Mission Street, Suite 400  
 San Francisco, CA 94103

RE: CEQA Statutory Exemption Request  
 Proposal to Adopt Revised Rates and Charges  
 for Community Choice Aggregation (CCA)  
 Program Service within San Francisco

Dear Chris:

The San Francisco Public Utilities Commission (SFPUC) proposes adoption of revised rates and charges for supplying greener electricity generation and related services to residential and commercial customers in San Francisco through the Community Choice Aggregation (CCA) program, also known as CleanPowerSF. The SFPUC Bureau of Environmental Management requests Environmental Planning (EP) concurrence that the proposed adoption of rates and charges is statutorily exempt under CEQA.

The SFPUC recommends the proposed adoption of the fees and charges by the Commission is statutorily exempt from the California Environmental Quality Act (CEQA) under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

**CCA PROGRAM DESCRIPTION**

The CCA program, also known as CleanPowerSF, was approved by the San Francisco Board of Supervisors under Resolution Number 348-12 on September 28, 2012 and has been in operation since May 2016. It has provided greener electricity generation and related services to residential and

**Mark Farrell**  
 Mayor

**Ike Kwon**  
 President

**Vince Courtney**  
 Vice President

**Ann Moller Caen**  
 Commissioner

**Francesca Vietor**  
 Commissioner

**Anson Moran**  
 Commissioner

**Harlan L. Kelly, Jr.**  
 General Manager



commercial consumers in San Francisco. CleanPowerSF has balanced several complementary goals, including affordable and competitive electricity generation rates, a diverse electricity resource portfolio that is comprised of renewable and other clean sources of supply, and high quality customer service.

The SFPUC launched the first phase of CleanPowerSF on May 1, 2016. The program currently serves approximately 81,000 accounts and offers two products: the “Green” product comprised of at least 40% renewable energy and the “SuperGreen” product comprised of 100% renewable energy. CleanPowerSF is expected to launch its next major enrollment phase in July 2018.

The Commission adopted initial CleanPowerSF “not-to-exceed” rates on December 8, 2015 by Resolution Number 15-0268. Rates were set at levels not to exceed comparable Pacific Gas and Electric (PG&E) rates in recognition of the need for CleanPowerSF to cover its costs and build financial reserves, yet remain competitive with PG&E. CleanPowerSF initial “Green” rates were set 0.25% below comparable PG&E rates as of March 1, 2016, minus Power Charge Indifference Adjustment (PCIA), and Franchise Fee Surcharge (FFS). “SuperGreen” rates were set to include a \$0.02 per kilowatt-hour (kWh) premium above “Green” rates.

Since CleanPowerSF’s initial rates above were adopted the Commission has taken two actions to reduce CleanPowerSF rates in order to stay competitive with PG&E rates.

### **Proposed CCA Rates and Charges**

Staff proposes to increase CleanPowerSF Green rates through the City’s charter-defined legislative route to remain competitive with PG&E’s comparable rates. However, the magnitude of PG&E’s generation rate increase gives CleanPowerSF the opportunity to offer customers a greater discount than the 0.25% adopted in previous Commission rate actions, while continuing to recover costs and fund the program’s financial reserves. The proposed CleanPowerSF Green rates would provide a 2% savings over PG&E rates.

PG&E also significantly reduced its premiums for its Solar Choice program for 2018. SuperGreen rate premium reductions approved by the Commission on January 23, 2018, mitigated most of the changes to allow CleanPowerSF to continue to offer the SuperGreen product at competitive rates. However, as a result of the CleanPowerSF Green rate adjustment proposed herein, further reductions in the SuperGreen rate premium for medium and large commercial customers are necessary to ensure that SuperGreen is offered at a rate that meets or beats PG&E's Solar Choice program at the time of the next enrollment.

The proposed CleanPowerSF revised rates would:

- (1) Increase Green product rates by 5%, on average, for all classes, while maintaining a 2% discount from PG&E rates after accounting for the PCIA and FFS;
- (2) Decrease SuperGreen premium rates for specified rate classes; and
- (3) Set residential and commercial customer program termination fees to \$0 through the end of citywide enrollment, December 31, 2019.

Pursuant to Charter Section 16.112, a Notice of Public Hearing on the establishment of a schedule of rates was published in the official newspaper on March 11th, 14th, 15th, 18th, and 21st, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018, with possible Commission action on this date. If approved by the Commission, these rates and charges will be subject to rejection by the Board of Supervisors (BOS), as provided in Charter section 8B.125, within 30 days following notification to the BOS. If approved, these proposed CleanPowerSF rates will become effective July 1, 2018 and will remain effective until revised.

#### **CEQA COMPLIANCE/RECOMMENDATION**

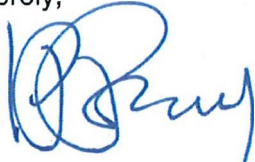
The SFPUC recommends the proposed adoption of revised rates and charges for supplying greener electricity generation and related services to residential and commercial customers in San Francisco through the CCA program is statutorily exempt from environmental review under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares,

Mr. Chris Kern, Senior Environmental Planner  
Environmental Planning Division, San Francisco Planning Department  
CEQA Statutory Exemption Request  
Proposal to Adopt Revised Rates and Charges for Community Choice  
Aggregation (CCA) Program Service within San Francisco  
March 22, 2018  
Page 4

and Charges), Subsection (a)(1) which provides a statutory exemption from CEQA for the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies for the purposes of meeting operating expenses.

Thank you for your concurrence with this request.

Sincerely,



Irina P. Torrey, AICP, Bureau Manager  
Bureau of Environmental Management

Cc: Charles Perl, SFPUC Deputy Chief Financial Officer  
Cheryl Taylor, Principal Analyst – Special Projects, Financial Services  
Timothy Johnston, MP, Environmental Planner, Environmental Planning  
Division, San Francisco Planning Department  
Lindsay Revelli, Environmental Project Manager, SFPUC Bureau of  
Environmental Management



April 11, 2018

Ms. Angela Calvillo  
 Clerk of the Board of Supervisors  
 City Hall, Room 244  
 1 Dr. Carlton B. Goodlett Place  
 San Francisco, CA 94102-4689

RECEIVED  
 BOARD OF SUPERVISORS  
 SAN FRANCISCO  
 2018 APR 12 PM 12:54  
 AK

RE: Notice of SFPUC Adoption of FYE 2019-2022 Retail Water and Wastewater Rates and Capacity Charges anticipated to be effective July 1, 2018

Dear Ms. Calvillo:

In accordance with section 8B.125 of the Charter of the City and County of San Francisco, the SFPUC “shall set rates, fees and other charges in connection with providing the utility services under its jurisdiction, subject to rejection – within 30 days of submission – by resolution of the Board of Supervisors. If the Board of Supervisors fails to act within 30 days the rates shall become effective without further action.”

The SFPUC is submitting the attached San Francisco Public Utilities Commission’s (SFPUC) rate resolutions dated April 10, 2018, related to revised retail water and wastewater rates and charges. The anticipated effective date of adopted rates and charges is July 1, 2018.

Please find attached documents related to these rates actions by the Commission:

1. Resolution 18-0053 – SFPUC Agenda Item Adopting Retail Water Rates
2. Resolution 18-0054 – SFPUC Agenda Item Adopting Wastewater Rates
3. Resolution 18-0055 – SFPUC Agenda Item Adopting revised Water and Wastewater Capacity Charges

Should you have any questions, please contact Eric Sandler, SFPUC Chief Financial Officer, at 415-934-5707.

Sincerely,

Harlan L. Kelly, Jr.  
 General Manager

Attachments: a/s

**Mark Farrell**  
 Mayor  
**Ike Kwon**  
 President  
**Vince Courtney**  
 Vice President  
**Ann Moller Caen**  
 Commissioner  
**Francesca Vietor**  
 Commissioner  
**Anson Moran**  
 Commissioner  
**Harlan L. Kelly, Jr.**  
 General Manager



**PUBLIC UTILITIES COMMISSION**

City and County of San Francisco

RESOLUTION NO.: 18-003

WHEREAS, In accordance with Section 8B.125 of the Charter of the City and County of San Francisco, the San Francisco Public Utilities Commission (SFPUC) retained an independent rate consultant, Carollo Engineers, which prepared the report titled *2018 SFPUC Water and Wastewater Cost of Service Study* ("2018 Rate Study"), which has been submitted to the Rate Fairness Board for its review, and posted to the sfwater.org website; and

WHEREAS, The General Manager of the Public Utilities Commission and staff have reviewed the 2018 Rate Study, and have prepared a staff rate proposal, which has been submitted to the Rate Fairness Board for its review and has posted to the sfwater.org website; and

WHEREAS, The Rate Fairness Board reviewed the findings and recommendations of the 2018 Rate Study and staff rate proposal and presented its own report to this Commission on April 10, 2018 finding that water revenues under existing rates will be insufficient to meet revenue requirements of the Water Enterprise; and

WHEREAS, Based on the analysis set forth in the 2018 Rate Study, the General Manager finds that water revenues under existing rates will be insufficient to meet revenue requirements of the Water Enterprise as projected in the Water Enterprise 10-Year Financial Plan, and recommends that rate adjustments are needed resulting in revenue requirement increases of 9% in fiscal year ending 2019, 8% in fiscal year ending 2020, and 7% in fiscal year ending 2021 and 2022; and

WHEREAS, As required by Proposition 218, a notice of the proposed rate change was sent to all ratepayers and property owners more than 45 days in advance of the April 10, 2018 public hearing; and

WHEREAS, Pursuant to Charter Section 16.112, a Notice of hearing on the proposal to adopt a new schedule of rates was published in the official newspaper on March 12th through March 16th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, as required, for a public hearing on April 10, 2018; and

WHEREAS, Pursuant to the published notice of the intention of the Public Utilities Commission to adopt a revised Schedule of Retail Water Rates to be charged for retail water service in San Francisco and adjacent areas, a public hearing was held on April 10, 2018, and members of the public were given an opportunity to comment on the revised Schedules of Water Rates; and

WHEREAS, At the April 10, 2018 public hearing, the Commission considered protests against the proposed rates, and written protests against the proposed rates were presented by less than a majority of parcel owners and direct water services customer tenants; and

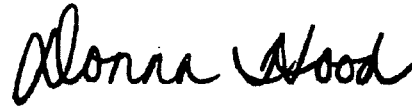
WHEREAS, on March 26, 2018 the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges); and ; and

WHEREAS, Charter Section 8B.125 requires the Commission to set rates and charges, subject to rejection by the Board of Supervisors, within 30 days of submission; now, therefore, be it

RESOLVED, That this Commission hereby determines, based on the findings of the 2018 Rate Study, that projected revenues under existing retail water rates, together with other revenues of the Water Enterprise, will be insufficient to meet the revenue requirements of the Water Enterprise as projected in the Water Enterprise 10-Year Financial Plan, and that overall increases of water rates by 9% in the fiscal year ending 2019, 8% in the fiscal year ending 2020, and 7% in the fiscal years ending 2021 and 2022 are therefore warranted; and be it

FURTHER RESOLVED, That the Commission hereby adopts the revised Schedule of Retail Water Rates attached hereto and incorporated by reference herein to apply to all retail Customers, as defined in the Schedule, of San Francisco's Water System, on or after July 1, 2018.

*I hereby certify that the foregoing was adopted by the Public Utilities Commission at its meeting of April 10, 2018.*



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Secretary, Public Utilities Commission

**SCHEDULE OF RETAIL WATER RATES  
EFFECTIVE JULY 1, 2018**

(adopted April 10, 2018 by Commission Resolution No.: 18-0053)

**Section 1 – Authority and General Purpose**

This Schedule was adopted by the Commission pursuant to Section 8B.125 of the Charter of the City and County of San Francisco for the purpose of establishing an orderly system for the imposition and collection of charges for the operating, maintenance, replacement, debt service and other costs incurred by the San Francisco Water Enterprise in gathering, treating and delivering water for consumptive and other uses in San Francisco and other areas receiving retail service from the Water Enterprise.

**Section 2 – Definitions**

For the purpose of this Schedule, the following definitions shall apply unless the context specifically dictates otherwise.

**“City”**

The City and County of San Francisco

**“Commission”**

The San Francisco Public Utilities Commission

**“Customer”**

Any person, firm, corporation, partnership, trust, or any other entity including, but not limited to, local, state and federal governments utilizing the services of the City’s utility systems.

**“Customer Class”**

Customers with the same or similar usage characteristics are grouped into Customer Classes for purposes of cost allocation and rate setting.

**“Dwelling Unit”**

As defined in San Francisco Planning Code Section 102.7, a room or suite of two or more rooms that is designed for, or is occupied by, one family doing its own cooking therein and having only one kitchen. For the purposes of this resolution, “Dwelling Unit” shall not include a lodging house, rooming house, motel or hotel, as defined in San Francisco Housing Code Section 410, or a live/work unit, as defined in Section 102.13 of the San Francisco Planning Code.

**“Equivalent Meter”**

A measure of the capacity of a meter expressed as a ratio to the capacity of a 5/8 X 3/4 meter.

**“General Manager”**

The General Manager of the Public Utilities Commission or his or her designee.



**“Operations and Maintenance Costs”**

Expenditures used for the storage, treatment, and delivery of Retail and Regional water including, but not limited to, the costs of personnel, materials and supplies, energy and administration.

**“Residential Customer”**

A Residential Customer is the owner or customer of record of any single-family or multiple-family Dwelling Unit.

**“Water System”**

The City’s water system including all properties (real, personal, and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for the gathering, impounding, treatment, transmission and distribution of water, including all future additions, extensions, replacements and improvements to the system.

**Section 3 – Customer Classification**

a. Class Determination

Upon application for new service, each Customer shall be assigned to a Customer Class based on the City’s evaluation of the Customer’s usage characteristics in accordance with the requirements of this resolution and applicable laws and regulations. Such Customer Class determination shall be based on the Customer’s description of its current operation and use of the water facilities of the City. Such description shall be subject to verification by the City.

b. Change in Classification

Customers requiring or requesting a change in their classification shall do so in writing within 30 days of a change in operations.

**Section 4 - Enterprise Funds**

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Water Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

**Section 5 – Billing Rates for Retail Water**

The following Schedules of Retail Water Rates to be paid by all retail customers of the City’s Water System are hereby adopted and imposed.

**SCHEDULE W-1A: Single Family Residential Service within the City and County of San Francisco**

Applicable to single-family dwelling units served through a separate meter or bank of meters:

**First:** A Monthly Service Charge based on the size of the meter.

| Meter<br>Size | Proposed   |            |            |            |
|---------------|------------|------------|------------|------------|
|               | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in        | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in        | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in          | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in      | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in          | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in          | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in          | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in          | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in          | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in         | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in         | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in         | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|                       | Proposed |          |          |          |
|-----------------------|----------|----------|----------|----------|
|                       | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| First 4 CCF per month | \$7.10   | \$7.85   | \$8.68   | \$9.60   |
| All additional CCF    | \$9.10   | \$9.61   | \$10.15  | \$10.71  |

**SCHEDULE W-1B: Multiple-Family Residential Service within the City and County of San Francisco**

Applicable to multiple-family accounts consisting of two or more dwelling units served through a separate meter or bank of meters:

**First:** A Monthly Service Charge based on the size of the meter.

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|   | Proposed |          |          |          |
|---|----------|----------|----------|----------|
|   | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| First 3 CCF per dwelling unit per month | \$7.22   | \$7.94   | \$8.73   | \$9.60   |
| All additional CCF                      | \$9.26   | \$9.73   | \$10.23  | \$10.76  |

**SCHEDULE W-1C: Commercial, Industrial and General Uses within the City and County of San Francisco**

Applicable to commercial, industrial and other general uses served through a separate meter or bank of meters:

**First:** A Monthly Service Charge based on the size of the meter.

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|                        | Proposed |          |          |          |
|------------------------|----------|----------|----------|----------|
|                        | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| For all units of water | \$8.43   | \$9.14   | \$9.81   | \$10.55  |

**SCHEDULE W-2: Fire Service within the City and County of San Francisco**

Applicable to private fire service installed and maintained according to the rules regulations and Specifications of the San Francisco Water Enterprise.

**First:** A Monthly Service Charge based on the size of the service.

|          | <b>Proposed</b> |                 |                 |                 |
|----------|-----------------|-----------------|-----------------|-----------------|
|          | <b>FYE 2019</b> | <b>FYE 2020</b> | <b>FYE 2021</b> | <b>FYE 2022</b> |
| 1 in     | \$7.74          | \$8.37          | \$8.95          | \$9.55          |
| 1-1/2 in | \$10.09         | \$10.92         | \$11.67         | \$12.45         |
| 2 in     | \$12.91         | \$13.98         | \$14.94         | \$15.93         |
| 3 in     | \$20.43         | \$22.14         | \$23.66         | \$25.21         |
| 4 in     | \$28.89         | \$31.32         | \$33.47         | \$35.65         |
| 6 in     | \$52.39         | \$56.82         | \$60.72         | \$64.65         |
| 8 in     | \$80.59         | \$87.42         | \$93.42         | \$99.45         |
| 10 in    | \$122.89        | \$133.32        | \$142.47        | \$151.65        |
| 12 in    | \$207.49        | \$225.12        | \$240.57        | \$256.05        |

**Second:** If water is used for any purpose other than extinguishing accidental fires, the W-1C rates for water delivery shall apply.

**SCHEDULE W-3A: Public Uses within the City and County of San Francisco**

Applicable to Public Buildings, Parks and Other Metered Service: Schedule W-1C

For Street Sprinkling and Flushing when quantities are computed from records of tank wagons and billed as one amount: Schedule W-1C (no service charge to apply)

**SCHEDULE W-4: Docks and Shipping Supply within the City and County of San Francisco.**

Applicable to special shipping service, including hose truck and other special services, from open docks through common hydrants where delivery is not through a service and meter for which the customer is responsible:

**First:** A Docks & Shipping Connection Charge: Schedule W-44

**Second:** A charge for all water delivered based on monthly meter reading: Schedule W-1C

**SCHEDULE W-5: Builders and Contractors within the City and County of San Francisco.**

Builders and Contractors supply for metered service through the fire hydrants and other metered service:

**First:** A Builders and Contractors Connection Charge: Schedule W-44

**Second:** A Meter Rental Deposit: Schedule W-44

**Third:** A Monthly Service Charge based on the size of the meter:

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Fourth:** A charge for all water delivered based on monthly meter reading: Schedule W-1C

**Fifth:** Any customer who fails to report water consumption as required shall be assessed a non-reporting penalty equivalent to the cost of 25 units of water per month at the current W-1C volumetric rate.

**SCHEDULE W-21: Single Family Residential Service outside the City and County of San Francisco.**

Applicable to single-family dwelling units served through a separate meter or bank of meters:  
Schedule W-1A

**SCHEDULE W-22: Fire Service outside the City and County of San Francisco**

Applicable to private fire service installed and maintained according to the rules regulations and Specifications of the San Francisco Water Enterprise: Schedule W-2

**SCHEDULE W-24: Untreated Water Service**

Applicable inside and outside the City and County of San Francisco for untreated water service when the customer furnishes all facilities necessary to convey the untreated water from the San Francisco Water Enterprise's water supply reservoirs to the customer's point of use.

**First:** A Monthly Service Charge based on the size of the meter.

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|                        | Proposed |          |          |          |
|------------------------|----------|----------|----------|----------|
|                        | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| For all units of water | \$0.76   | \$0.82   | \$0.88   | \$0.95   |

**SCHEDULE W-31: Commercial, Industrial and General Uses outside the City and County of San Francisco.**

Applicable to multiple-family residential, commercial, industrial and other general uses served through a separate meter or bank of meters: Schedule W-1C

**SCHEDULE W-33. Public Uses Excluding Wholesale outside the City and County of San Francisco**

Applicable to Public Buildings, Parks and Other Metered Service: Schedule W-1C

**Section 6 - Drought Surcharge**

If the Commission, at a publicly noticed meeting, adopts a resolution declaring a stage of water delivery reduction in accordance with the Retail Water Shortage Allocation Plan (i.e., Stage 1, Stage 2 or Stage 3), the following schedule of drought surcharges shall be applied to retail water rates as of the date of the Commission resolution or any effective date designated by the Commission. For residential customers, the surcharges shall be based on the assumption that the overall demand reduction is split evenly between Tier 1 and Tier 2. Each nonresidential customer shall incur the percent drought surcharge uniformly. The overall required surcharge is based on the final formula: surcharge (\$ per ccf) = Water Revenue Shortfall from reduced flow/ Reduced Water Flow.

| <b>Retail Water Shortage Allocation Plan Stage</b> | <b>Target Usage Reduction</b> | <b>Drought Surcharge on Volumetric Water/WW Rates</b> |
|--|-------------------------------|---|
| <b>Stage 1</b>                                     | 5 - 10%                       | Up to 10%   |
| <b>Stage 2</b>                                     | 11 - 20%                      | Up to 20%   |
| <b>Stage 3</b>                                     | Over 20%                      | Up to 25%   |

The drought surcharges shall remain in effect until the Commission, at a publicly noticed meeting, adopts a resolution rescinding the water delivery reduction.

**Section 7 – Effective Date**

The rates for FYE 2019 set forth herein shall be effective for water meter readings made on or after July 1, 2018 or as soon thereafter as possible. The rates for FYE 2020 shall be effective for water meter readings made on or after July 1, 2019. The rates for FYE 2021 shall be effective for water meter readings made on or after July 1, 2020. The rates for FYE 2022 shall be effective for water meter readings made on or after July 1, 2021, and shall remain in effect until repealed, modified or superseded.





# AGENDA ITEM

## Public Utilities Commission

City and County of San Francisco



DEPARTMENT Financial Services AGENDA NO. 11  
 MEETING DATE April 10, 2018

**Public Hearing: Proposal to Adopt Retail Water Rates for FYE 2019 through FYE 2022**

**Project Manager:** Charles Perl

|   |  |
|---|--|
| <b>Summary of Proposed Commission Action:</b> | <b>Public Hearing:</b> To consider and adopt a <b>new four-year</b> schedule of rates for retail water service in San Francisco and suburban areas to be effective with meter readings on or after July 1, 2018. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.  |
| <b>Background:</b>                            | <p><b>Executive Summary</b></p> <p>This four year retail water rate proposal is the result of a multi-year process that includes policy review, analytical analysis, and public outreach. This work has been guided by the governance of a project charter, and overseen by a project steering committee that included the SFPUC General Manager, the Executive Team, including Assistant GMs and a staff working group from across the organization. As required by the City Charter, the rate proposal was developed with the support of a cost of service analysis completed by an independent rate consultant, consistent with the requirements of Article XIID of the State Constitution (Proposition 218).</p> <p>A rate study is generally comprised of three main components: a revenue requirement analysis, cost of service analysis and rate design. After completing this rigorous process, and considering the recommendations of the independent rate consultant, SFPUC staff has determined rate increases are necessary to maintain revenue sufficiency and to meet operational goals. Over the next four years, FYE 2019 through FYE 2022, staff proposes to raise rates such that the average single family water bill increases by 8% annually, as referenced in Table 1. Additionally, staff proposes the following rate design changes:</p> <ol style="list-style-type: none"> <li>1. Phasing in of changes to cost allocations that affect residential volumetric charges</li> <li>2. Consolidation of non-residential volumetric rates</li> <li>3. Establish a process for assessment of a temporary drought surcharge. The temporary drought surcharge would be triggered only when the Commission imposes delivery reductions in accordance with the Retail Water Shortage Allocation Plan, and calls for either voluntary or mandatory water use reductions. Such a surcharge would only recover the cost of service.</li> </ol> |

**APPROVAL:** \_\_\_\_\_  
 COMMISSION SECRETARY Donna Hood

**Proposal to Adopt Water Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date: April 10, 2018**

**Table 1. Proposed Average Monthly Single Family Residential Water Bill**

|                       | Current Rates<br>FYE<br>2018 | Proposed Rates |             |             |             | Average Increase |
|-----------------------|------------------------------|----------------|-------------|-------------|-------------|------------------|
|                       |                              | FYE<br>2019    | FYE<br>2020 | FYE<br>2021 | FYE<br>2022 |                  |
| Water Fixed Charge    | \$12                         | \$12           | \$13        | \$14        | \$15        |                  |
| Water Variable Charge | \$37                         | \$40           | \$44        | \$48        | \$52        |                  |
| <b>Water Bill</b>     | <b>\$49</b>                  | <b>\$53</b>    | <b>\$57</b> | <b>\$62</b> | <b>\$67</b> |                  |
| % Increase            |                              | 8.3%           | 8.8%        | 8.6%        | 8.7%        | 8.6%             |

Note: Assumes 5/8" meter size and 5.3 CCF monthly water usage

**Overview of 2018 Water and Wastewater Rate Study**

As required by the City Charter, the San Francisco Public Utilities Commission retains an independent rate consultant at least every five years to evaluate the cost of service of the retail water and sewer systems, and to recommend appropriate rate structures. The rate study is an engineering and financial exercise that explains the basis and rationale for proposed water rates, supported by a cost of service analysis, and provides an administrative record to satisfy the legal requirements of California's Proposition 218 and the City Charter. .

The last water and wastewater rate study was completed in 2014 and supported rates for the four-year period beginning FY 2014-15 through FY 2017-18. The proposed rates for the next four years support the completion of WSIP, as well as continued water system repair and replacement projects.

The SFPUC selected Carollo Engineers through a competitive Request for Proposals process and has been working on the 2018 SFPUC Water and Wastewater Rate Study ("2018 Rate Study") since summer 2016. Staff has received Commission input and management direction on a wide range of topics, including financial policies, the impact of the drought and customer water conservation on the SFPUC's finances, tiers, fixed/variable cost recovery, as well as analysis of customer affordability.

This report discusses the outcome of the 2018 Rate Study, highlighting each major task and outcome. This rate study is the basis for proposed water and sewer rate increases resulting in an 8.4% average annual increase, over the next four years, on the single family residential combined monthly bill as noted below in Table 2.

**Proposal to Adopt Water Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date:** April 10, 2018

**Table 2. Proposed Average Monthly Single Family Residential Combined Bill**

|                   | Current Rates<br>FYE 2018 | Proposed     |              |              |              | Average Increase |
|-------------------|---------------------------|--------------|--------------|--------------|--------------|------------------|
|                   |                           | FYE 2019     | FYE 2020     | FYE 2021     | FYE 2022     |                  |
| Water             | \$49                      | \$53         | \$57         | \$62         | \$67         | \$4.74           |
| Wastewater        | \$59                      | \$63         | \$68         | \$75         | \$81         | \$5.56           |
| <b>Combined</b>   | <b>\$108</b>              | <b>\$116</b> | <b>\$126</b> | <b>\$137</b> | <b>\$149</b> | <b>\$10.30</b>   |
| <i>% Increase</i> |                           | 7.6%         | 8.4%         | 8.9%         | 8.9%         | 8.4%             |

Note: Assumes 5/8" meter size and 5.3 CCF monthly water usage

**SFPUC Financial Policies Update**

Over the past year, the SFPUC has updated and added several financial policies, including the Ratepayer Assurance Policy, Debt Service Coverage Policy, Fund Balance Reserve Policy, and Capital Financing Policy supporting one of the SFPUC Strategic Plan goals of financial sustainability. The SFPUC revised the Ratepayer Assurance Policy through the consolidation of the previous Rates and Ratepayer Assurance Policies. These updated policies have guided staff during the development of the proposed retail water rates, and the rates proposal conforms with these policies.

Ratepayer Assurance Policy

The SFPUC recently consolidated and updated its Rates Policy and Ratepayer Assurance Policy. The updated Ratepayer Assurance Policy, adopted by the Commission on the September 12, 2017, sets principles to guide the development of rates and charges to be:

- Revenue Sufficiency
- Customer Equity
- Environmental Sustainability
- Affordability
- Predictability
- Simplicity

This rates proposal was developed based on these principles, and the rate design policy decisions discussed below make reference to the tradeoffs inherent in the rate-setting process, as required by the Ratepayer Assurance Policy.

**Reasons for Retail Water Rate Changes**

The Water Enterprise has made significant progress on seismic improvements and upgrades to its water infrastructure through the Water System Improvement Program (WSIP). With the funding provided by rate increases approved in prior years, the SFPUC seismically upgraded reservoirs, replaced pipelines, and added new, modernized facilities. The cost of WSIP investments in the regional system is shared with the SFPUC's 27 wholesale customers. As of December 2017, approximately 95% of WSIP projects are complete. These and other bond-funded capital projects are projected to increase debt service costs 30% over the next four years from \$256 million in FYE 2018 to \$332 million in FYE 2022. In addition, gradual increases in operating expenses are also projected to follow long term

**Proposal to Adopt Water Rates for FYE 2019 through FYE 2022**

**Commission Meeting Date:** April 10, 2018

inflationary growth of 3% annually. Capital costs are significant drivers of rates; approximately 32% of every new dollar generated by the rate increase will cover water capital needs, either the payment of debt service or revenue-funding of capital projects.

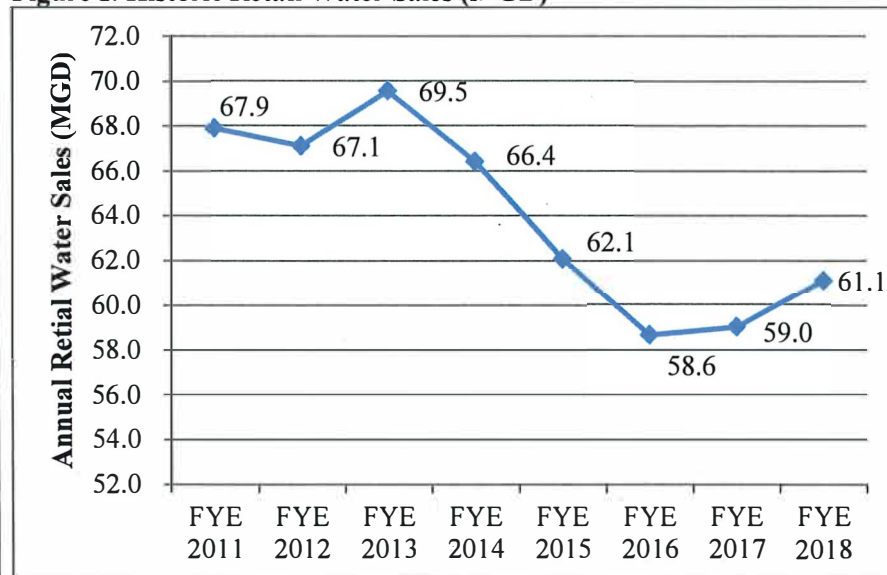
**Historic Water Demand**

As can be seen in Figure 1 below, during the recent drought, retail customers reduced water usage, on a 12-month rolling basis, by 15.9% from their pre-drought levels in February 2014. This decreased water consumption led to an average annual \$30.5M shortfall in revenues from the projections in the 2014 rate study. This shortfall was accommodated through budget cuts and one time measures, including expenditure savings through the refinancing of debt to lower interest rates and the use of reserves. As of December 2017, retail customers have increased water usage by 3.2%, on a 12-month rolling basis, from their low point during the drought, but past experience and uncertainty around future water sales projections require a prudent approach to be taken in forecasting future demand.

**Projected Water Demand**

SFPUC projects a slight decline in future water demands resulting from a variety reasons: hardened water conservation customer behavior post-drought; replacement to more efficient water fixtures; better management of leaks; sensitivity to increasing water rates (price elasticity). Given this projected trend, the rate study incorporates a 0.5% annual reduction in water sales volumes from current year projections. Staff considered a number of factors, including the attached City Economist Study on Water Demand Elasticity, in deciding on this assumed annual reduction in water sales volumes. The assumed 0.5% annual reduction in water sales volumes recognizes that there are multiple unknowns that are being accounted for in projected water demand.

**Figure 1. Historic Retail Water Sales (MGD)**



**Independent Consultant – 2018 SFPUC Water and Wastewater Cost of Service Study**

SFPUC staff has worked closely with Carollo Engineers to analyze the current revenues and revenue requirements of the Water Enterprise, conducted a detailed review of the Enterprise's cost of service, and reviewed the current rate design. The Rate Study's recommended changes to retail water rates are designed to:

- Provide sufficient revenues for the operations, maintenance, and repair of the enterprise, consistent with good utility practice;
- Provide sufficient revenues to improve or maintain financial condition and bond ratings at or above levels equivalent to highly rated utilities of each enterprise;
- Meet requirements and covenants under all bond indentures;
- Set rates based on cost of service;
- Investigate and develop rate-based conservation incentives; and

The independent consultant has determined that rate increases are necessary to fund the projected operating and capital costs of the enterprise. Detailed information on the revenue requirements, cost of service analysis, and rate design can be found in the 2018 Rate Study, which is has been provided as an attachment to this report and which is available online at [sfwater.org/rates](http://sfwater.org/rates) .

**Water Enterprise Revenue Requirements**

The 2018 Rate Study compared the forecasted revenues of the utility to its forecasted operating and capital needs. Included in this forecast are the Water Enterprise's Commission approved FYE 2019 and FYE 2020 Budget, 10 Year Capital Plan, and 10 Year Financial Plan. This revenue requirement analysis determines if current rates are adequate to cover the cost of service. This analysis identified that revenues under existing rates would be insufficient to fund the enterprise's expected financial obligations. If rates remained the same, the enterprise would be unable to generate sufficient revenues to pay all projected costs and to meet debt service coverage and reserve targets. The cumulative deficit from FYE 2019 through FYE 2022 totals \$320 million. Based on the 2018 Rate Study analysis, the SFPUC is proposing a four-year adjustment to retail water rates increasing Water Enterprise revenues by 9% in FYE 2019, 8% in FYE 2020, and 7% annually in FYE 2021 and FYE 2022.

With regard to FYE 2019, the staff rates proposal increases revenues 1% more than the independent consultant recommendation. The independent consultant recommends an 8% increase in FYE 2019, and recommends the same increase as the staff proposal in FYE 2020 through FYE 2022. The staff rate proposal is driven by policy considerations to generate debt service coverage with a slightly greater margins than the consultant's recommended debt service coverage level of 1.11x on a current basis. The retail water staff rate proposal is also based on Rate Payer Assurance Policy and its goals of *affordability* and *predictability* in the combined water and wastewater bills. Alongside staff-recommended changes to the proposed wastewater rate increases, the result is a smooth increase in the combined water and wastewater bills of 7.6% to 8.9%.

**Cost of Service Analysis**

The 2018 Rate Study completely updated the cost of service analysis for the Water Enterprise. The cost of service analysis serves as a rational basis for distributing the full costs of SFPUC’s services to each customer class in proportion to the demands placed on the system. The analysis includes:

- complete update of asset and capital project allocations
- more detailed matching of wholesale water revenues to the wholesale revenue requirement
- new indirect cost allocation for Bureau expenses
- detailed breakdown of costs to support cost of service analysis
- updated peaking charge cost allocation

Other components of the Rate Study included analysis of peaking factors with an examination of six years of average and peak system deliveries to ensure that the system peaks reflected changes in usage patterns from the recent drought. Based on discussion with Water Enterprise staff about the engineering metrics used to design the water system, the analysis also eliminated the “peak hour” cost component, using only “peak day” component to allocate peak costs to customers. This both better matches the functional design of the SFPUC system, and also allows peaking to be based only on max daily usage, which is available at the customer class level from billing records, as opposed to max hourly usage, which must be estimated based on industry standards that may not reflect San Francisco’s unique usage patterns.

**Rate Design**

Water rate design analysis determines how the costs are recovered from each customer through specified water rates. The focus of this process is to achieve cost recovery and substantiate that customers are paying their fair and proportionate share of system costs.

Current Rate Structure

The SFPUC’s existing water rate structure consists of two components: (1) a monthly service charge based on meter sized (fixed) and (2) a commodity charge which is based on water volumetric charges derived from metered water usage (variable).

1. Fixed monthly service charges for residential and non-residential customers vary by meter size
2. Variable charge for residential customers is comprised of a two-tier, inclining block rate structure, while non-residential customers are charged a uniform commodity rate specific to their customer type

Proposed Rate Design Changes

Staff-proposed rate design changes are consistent with the consultant recommendation and are highlighted below and further described in the 2018 Rate Study.

1. **Phase in of Cost of Service Allocation Changes:** Staff proposes that cost of service allocations that would cause large shifts in customer bills in FYE 2019, be phased in over the four year rate package in order to smooth bill

impacts. The phase in of cost of service allocations meets Ratepayer Assurance Policy objectives of customer equity, by ensuring that rates reflect the cost of service analysis, and predictability, by preventing sudden or unexpected increases to rates.

2. **Consolidation of Non-Residential Customers:** Staff proposes to consolidate current distinct sub-classes of non-residential customers into a single commercial class as noted in Table 3 below. Staff proposes that additional information be gathered through the Automated Metering Infrastructure (AMI) system to better identify the usage patterns and costs for the creation of more specific sub-classes of non-residential customers. This proposal meets Ratepayer Assurance Policy objectives of simplicity.

**Table 3. Proposed Consolidation of Non-Residential Water Rates**

| Customer Class                      | Existing Rate                | Proposed Rate     |
|-------------------------------------|------------------------------|-------------------|
| Commercial, Industrial, and General | W-1C (Commercial)            | W-1C (Commercial) |
| Fire Service                        | W-1C (Commercial)            | W-1C (Commercial) |
| Public                              | W-1C (Commercial)            | W-1C (Commercial) |
| Irrigation                          | W-1C (Commercial)            | W-1C (Commercial) |
| Interruptible                       | W-3B (Interruptible)         | W-1C (Commercial) |
| Docks & Shipping                    | W-4 (Docks & Shipping)       | W-1C (Commercial) |
| Builders & Contractors              | W-5 (Builders & Contractors) | W-1C (Commercial) |

3. **Temporary Drought Surcharge:** Staff proposes establishing a process to allow the Commission to implement a temporary drought surcharge, which would apply to the volumetric portions of both water and wastewater rates (i.e., not to the monthly fixed service charge). The temporary drought surcharge would be triggered only when the Commission imposes delivery reduction in accordance with the Retail Water Shortage Allocation Plan, and calls for either voluntary or mandatory water reduction. At that time, SFPUC staff would calculate the estimated revenue reduction resulting from water use reduction, as well as the surcharge to retail rates necessary to meet the revenue requirement based on reduced water sales. The temporary surcharge would be removed when the calls for water use reductions are lifted, in accordance with the Retail Water Shortage Allocation Plan.

The following is an example of the temporary drought surcharge:

1. Stage 1 of the Retail Water Shortage Allocation Plan (WSAP) is implemented by Commission, including a voluntary call for 10% water use reduction.
2. Projected revenue loss resulting from water use reduction is calculated and compared to updated revenue requirements, based on cost of service.
3. Percentage rate increase on volumetric rates necessary to meet cost of service is calculated. The surcharge percentage cannot exceed the percentage call for water use reduction or the cost of service.
4. Surcharge ends when the Commission ends the call for water use reduction

in accordance with the Retail Water Shortage Allocation Plan.

As shown in Table 4 below, customers who meet the call for water use reduction will see little or no change to their total monthly bill, as the surcharge cannot exceed the percentage call for reduction. In this way, the surcharge provides an incentive for customers to reduce their usage to the level set by the Commission, supporting the Ratepayer Assurance Policy objective of environment sustainability.

**Table 4. Example 10% Surcharge Implementation for the Average Single Family Residential Customer, FYE 2019 Rates**

|                             | No Drought Surcharge   | With 10% Drought Surcharge |
|-----------------------------|------------------------|----------------------------|
| Monthly Water Usage (CCF)   | 5.3                    | 5.3 x 90% = 4.77           |
| <b>Rate Calculation</b>     |                        |                            |
| Service Charge              | \$12.30                | \$12.30                    |
| Tier 1 (First 4 CCF)        | \$7.10                 | \$7.10 x 110% = \$7.81     |
| Tier 2 (All Additional CCF) | \$9.10                 | \$9.10 x 110% = \$10.01    |
| <b>Bill Calculation</b>     |                        |                            |
| Service Charge              | \$12.30                | \$12.30                    |
| Tier 1                      | \$7.10 x 4 = \$28.40   | \$7.81 x 4 = \$31.24       |
| Tier 2                      | \$9.10 x 1.3 = \$11.83 | \$10.01 x 0.77 = \$7.71    |
| <b>Total Bill</b>           | <b>\$52.53</b>         | <b>\$51.25</b>             |

Notes: Assumes 5/8" meter, 5.3 CCF monthly pre-drought water usage, and 10% water use reduction

**Affordability**

Ratepayer affordability is a policy priority in the Ratepayer Assurance Policy, and SFPUC staff have performed analyses and developed recommendations for ways to support ratepayers who may be burdened by their utility bills. The SFPUC has a level of service goal to keep the average single family combined bill under 2.5% of the San Francisco median household income.

Using Census data, staff were able to identify and analyze the demographics of customers paying more than 2.5% of their median household income on water rates. This analysis found that of the approximately 147,000 who directly pay their water bills, approximately 19,000, or 13%, are "cost-burdened" with greater than 2.5% of their household income dedicated to their utility bill. These cost-burdened households are more likely to be families and women-led households, people of color, to be linguistically isolated (having no one over the age of 14 who speaks English well or very well), to be over 65, and to live in the southeast part of the city.

SFPUC staff plan to use the results of this analysis to better target and expand the low-income discount program. In addition, staff will return to the Commission on May 8, 2018 with a proposal to reduce or eliminate fees that may disproportionately impact low-income ratepayers, such as the fees associated with returned checks or with water shutoffs. These efforts will continue over the near term, with the goal of



**Proposal to Adopt Water Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date:** April 10, 2018

|                                     |   |
|-------------------------------------|---|
|                                     | <p>reducing administrative burden for SFPUC staff while simultaneously better supporting cost-burdened ratepayers.</p> <p><b>Rate Fairness Board</b><br/> The proposed retail water rates have been presented to and discussed by the Rate Fairness Board (RFB) at 11 public meetings over the past year, to the Citizen’s Advisory Committee on March 20, 2018, and to dozens of community outreach meetings to neighborhood groups, chambers of commerce, and environmental associations. The Rate Fairness Board’s presentation on the proposed rates is also being presented at this April 10<sup>th</sup> Commission meeting.</p> <p><b>Public Outreach and Education</b><br/> SFPUC Communications team has been engaged in important communication, outreach and education on the four year water and wastewater rates proposal. Since the fall of 2017, the SFPUC Communications team has reached out to more than 400 organizations, to describe SFPUC services, why rate increases are needed and what the impact is on their monthly bill. Between February and April of 2018 we have scheduled 50 community presentations and expect to reach more than 2,000 people in this public education process on the rates proposal. In addition to the city-wide presentation, the team has engaged in multiple forms of communication to reach our ratepayers, including digital outreach and media coverage with a combined estimated reach of more than 400,000 people.</p> <p><b>Public Notice &amp; Rate Adoption Process</b><br/> In compliance with the notice requirements of California’s Proposition 218, the attached official notices were sent to customers and property owners informing them of the proposed rate changes and their right to submit a written protest against the proposed rates. The notice also informed customers and property owners that if the SFPUC receives written protest from a majority of affected property owners and customers the proposed rate increases will not take effect.</p> <p>Pursuant to Charter Section 16.112, a Notice of Public Hearing on the establishment of a schedule of rates was published in the official newspaper on March 12th through March 18th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018, with possible Commission action on this date. If approved by the Commission, these rates would take effect July 1, 2018, unless rejected by the Board of Supervisors, as provided in Charter section 8B.125.</p> |
|                                     |   |
| <p><b>Environmental Review:</b></p> | <p>The Bureau of Environmental Management concluded and on March 26, 2018 the Planning Department determined that the proposed rates setting action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges. The statutory exemption request and concurrence message are attached. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.</p>   |
|                                     |   |

**Proposal to Adopt Water Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date:** April 10, 2018

|                             |   |
|-----------------------------|---|
| <b>Results of Inaction:</b> | A delay or denial in approving this agenda item will result in no water rate changes for retail customers as of July 1, 2018, and will adversely impact the SFPUC's ability to meet projected revenue requirements for the Water Enterprise.  |
|                             |   |
| <b>Recommendation:</b>      | SFPUC staff recommends that the Commission adopt the attached resolution.   |
|                             |   |
| <b>Attachments:</b>         | <ol style="list-style-type: none"> <li>1. Schedule of Retail Water Rates</li> <li>2. Statutory Exemption Request and Concurrence</li> <li>3. Presentations</li> <li>4. <a href="#">2018 SFPUC Water and Wastewater Cost of Service Study</a></li> <li>5. City Economist Study on Water Demand Elasticity</li> <li>6. Prop 218 Notice to Customers</li> <li>7. Notice of Public Hearing on Proposed Water and Wastewater Rates</li> <li>8. Correspondence</li> <li>9. Protest Letters</li> </ol> |

**PUBLIC UTILITIES COMMISSION**

City and County of San Francisco

RESOLUTION NO.: 18-0053

WHEREAS, In accordance with Section 8B.125 of the Charter of the City and County of San Francisco, the San Francisco Public Utilities Commission (SFPUC) retained an independent rate consultant, Carollo Engineers, which prepared the report titled *2018 SFPUC Water and Wastewater Cost of Service Study* ("2018 Rate Study"), which has been submitted to the Rate Fairness Board for its review, and posted to the sfwater.org website; and

WHEREAS, The General Manager of the Public Utilities Commission and staff have reviewed the 2018 Rate Study, and have prepared a staff rate proposal, which has been submitted to the Rate Fairness Board for its review and has posted to the sfwater.org website; and

WHEREAS, The Rate Fairness Board reviewed the findings and recommendations of the 2018 Rate Study and staff rate proposal and presented its own report to this Commission on April 10, 2018 finding that water revenues under existing rates will be insufficient to meet revenue requirements of the Water Enterprise; and

WHEREAS, Based on the analysis set forth in the 2018 Rate Study, the General Manager finds that water revenues under existing rates will be insufficient to meet revenue requirements of the Water Enterprise as projected in the Water Enterprise 10-Year Financial Plan, and recommends that rate adjustments are needed resulting in revenue requirement increases of 9% in fiscal year ending 2019, 8% in fiscal year ending 2020, and 7% in fiscal year ending 2021 and 2022; and

WHEREAS, As required by Proposition 218, a notice of the proposed rate change was sent to all ratepayers and property owners more than 45 days in advance of the April 10, 2018 public hearing; and

WHEREAS, Pursuant to Charter Section 16.112, a Notice of hearing on the proposal to adopt a new schedule of rates was published in the official newspaper on March 12th through March 16th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, as required, for a public hearing on April 10, 2018; and

WHEREAS, Pursuant to the published notice of the intention of the Public Utilities Commission to adopt a revised Schedule of Retail Water Rates to be charged for retail water service in San Francisco and adjacent areas, a public hearing was held on April 10, 2018, and members of the public were given an opportunity to comment on the revised Schedules of Water Rates; and

WHEREAS, At the April 10, 2018 public hearing, the Commission considered protests against the proposed rates, and written protests against the proposed rates were presented by less than a majority of parcel owners and direct water services customer tenants; and

WHEREAS, on March 26, 2018 the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges); and ; and

WHEREAS, Charter Section 8B.125 requires the Commission to set rates and charges, subject to rejection by the Board of Supervisors, within 30 days of submission; now, therefore, be it

RESOLVED, That this Commission hereby determines, based on the findings of the 2018 Rate Study, that projected revenues under existing retail water rates, together with other revenues of the Water Enterprise, will be insufficient to meet the revenue requirements of the Water Enterprise as projected in the Water Enterprise 10-Year Financial Plan, and that overall increases of water rates by 9% in the fiscal year ending 2019, 8% in the fiscal year ending 2020, and 7% in the fiscal years ending 2021 and 2022 are therefore warranted; and be it

FURTHER RESOLVED, That the Commission hereby adopts the revised Schedule of Retail Water Rates attached hereto and incorporated by reference herein to apply to all retail Customers, as defined in the Schedule, of San Francisco's Water System, on or after July 1, 2018.

*I hereby certify that the foregoing was adopted by the Public Utilities Commission at its meeting of April 10, 2018.*

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Secretary, Public Utilities Commission

**SCHEDULE OF RETAIL WATER RATES  
EFFECTIVE JULY 1, 2018**

(adopted April 10, 2018 by Commission Resolution No.: 18-0053)

**Section 1 – Authority and General Purpose**

This Schedule was adopted by the Commission pursuant to Section 8B.125 of the Charter of the City and County of San Francisco for the purpose of establishing an orderly system for the imposition and collection of charges for the operating, maintenance, replacement, debt service and other costs incurred by the San Francisco Water Enterprise in gathering, treating and delivering water for consumptive and other uses in San Francisco and other areas receiving retail service from the Water Enterprise.

**Section 2 – Definitions**

For the purpose of this Schedule, the following definitions shall apply unless the context specifically dictates otherwise.

“City”

The City and County of San Francisco

“Commission”

The San Francisco Public Utilities Commission

“Customer”

Any person, firm, corporation, partnership, trust, or any other entity including, but not limited to, local, state and federal governments utilizing the services of the City’s utility systems.

“Customer Class”

Customers with the same or similar usage characteristics are grouped into Customer Classes for purposes of cost allocation and rate setting.

“Dwelling Unit”

As defined in San Francisco Planning Code Section 102.7, a room or suite of two or more rooms that is designed for, or is occupied by, one family doing its own cooking therein and having only one kitchen. For the purposes of this resolution, “Dwelling Unit” shall not include a lodging house, rooming house, motel or hotel, as defined in San Francisco Housing Code Section 410, or a live/work unit, as defined in Section 102.13 of the San Francisco Planning Code.

“Equivalent Meter”

A measure of the capacity of a meter expressed as a ratio to the capacity of a 5/8 X 3/4 meter.

“General Manager”

The General Manager of the Public Utilities Commission or his or her designee.

**“Operations and Maintenance Costs”**

Expenditures used for the storage, treatment, and delivery of Retail and Regional water including, but not limited to, the costs of personnel, materials and supplies, energy and administration.

**“Residential Customer”**

A Residential Customer is the owner or customer of record of any single-family or multiple-family Dwelling Unit.

**“Water System”**

The City’s water system including all properties (real, personal, and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for the gathering, impounding, treatment, transmission and distribution of water, including all future additions, extensions, replacements and improvements to the system.

**Section 3 – Customer Classification**

a. Class Determination

Upon application for new service, each Customer shall be assigned to a Customer Class based on the City’s evaluation of the Customer’s usage characteristics in accordance with the requirements of this resolution and applicable laws and regulations. Such Customer Class determination shall be based on the Customer’s description of its current operation and use of the water facilities of the City. Such description shall be subject to verification by the City.

b. Change in Classification

Customers requiring or requesting a change in their classification shall do so in writing within 30 days of a change in operations.

**Section 4 - Enterprise Funds**

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Water Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

**Section 5 – Billing Rates for Retail Water**

The following Schedules of Retail Water Rates to be paid by all retail customers of the City’s Water System are hereby adopted and imposed.

**SCHEDULE W-1A: Single Family Residential Service within the City and County of San Francisco**

Applicable to single-family dwelling units served through a separate meter or bank of meters:

**First:** A Monthly Service Charge based on the size of the meter.

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|                       | Proposed |          |          |          |
|-----------------------|----------|----------|----------|----------|
|                       | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| First 4 CCF per month | \$7.10   | \$7.85   | \$8.68   | \$9.60   |
| All additional CCF    | \$9.10   | \$9.61   | \$10.15  | \$10.71  |

**SCHEDULE W-1B: Multiple-Family Residential Service within the City and County of San Francisco**

Applicable to multiple-family accounts consisting of two or more dwelling units served through a separate meter or bank of meters:

**First:** A Monthly Service Charge based on the size of the meter.

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|   | Proposed |          |          |          |
|---|----------|----------|----------|----------|
|   | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| First 3 CCF per dwelling unit per month | \$7.22   | \$7.94   | \$8.73   | \$9.60   |
| All additional CCF                      | \$9.26   | \$9.73   | \$10.23  | \$10.76  |



**SCHEDULE W-1C: Commercial, Industrial and General Uses within the City and County of San Francisco**

Applicable to commercial, industrial and other general uses served through a separate meter or bank of meters:

**First:** A Monthly Service Charge based on the size of the meter.

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|                        | Proposed |          |          |          |
|------------------------|----------|----------|----------|----------|
|                        | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| For all units of water | \$8.43   | \$9.14   | \$9.81   | \$10.55  |

**SCHEDULE W-2: Fire Service within the City and County of San Francisco**

Applicable to private fire service installed and maintained according to the rules regulations and Specifications of the San Francisco Water Enterprise.

**First:** A Monthly Service Charge based on the size of the service.

|          | Proposed |          |          |          |
|----------|----------|----------|----------|----------|
|          | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| 1 in     | \$7.74   | \$8.37   | \$8.95   | \$9.55   |
| 1-1/2 in | \$10.09  | \$10.92  | \$11.67  | \$12.45  |
| 2 in     | \$12.91  | \$13.98  | \$14.94  | \$15.93  |
| 3 in     | \$20.43  | \$22.14  | \$23.66  | \$25.21  |
| 4 in     | \$28.89  | \$31.32  | \$33.47  | \$35.65  |
| 6 in     | \$52.39  | \$56.82  | \$60.72  | \$64.65  |
| 8 in     | \$80.59  | \$87.42  | \$93.42  | \$99.45  |
| 10 in    | \$122.89 | \$133.32 | \$142.47 | \$151.65 |
| 12 in    | \$207.49 | \$225.12 | \$240.57 | \$256.05 |

**Second:** If water is used for any purpose other than extinguishing accidental fires, the W-1C rates for water delivery shall apply.

**SCHEDULE W-3A: Public Uses within the City and County of San Francisco**

Applicable to Public Buildings, Parks and Other Metered Service: Schedule W-1C

For Street Sprinkling and Flushing when quantities are computed from records of tank wagons and billed as one amount: Schedule W-1C (no service charge to apply)

**SCHEDULE W-4: Docks and Shipping Supply within the City and County of San Francisco.**

Applicable to special shipping service, including hose truck and other special services, from open docks through common hydrants where delivery is not through a service and meter for which the customer is responsible:

**First:** A Docks & Shipping Connection Charge: Schedule W-44

**Second:** A charge for all water delivered based on monthly meter reading: Schedule W-1C

**SCHEDULE W-5: Builders and Contractors within the City and County of San Francisco.**

Builders and Contractors supply for metered service through the fire hydrants and other metered service:

**First:** A Builders and Contractors Connection Charge: Schedule W-44

**Second:** A Meter Rental Deposit: Schedule W-44

**Third:** A Monthly Service Charge based on the size of the meter:

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Fourth:** A charge for all water delivered based on monthly meter reading: Schedule W-1C

**Fifth:** Any customer who fails to report water consumption as required shall be assessed a non-reporting penalty equivalent to the cost of 25 units of water per month at the current W-1C volumetric rate.

**SCHEDULE W-21: Single Family Residential Service outside the City and County of San Francisco.**

Applicable to single-family dwelling units served through a separate meter or bank of meters: Schedule W-1A

**SCHEDULE W-22: Fire Service outside the City and County of San Francisco**

Applicable to private fire service installed and maintained according to the rules regulations and Specifications of the San Francisco Water Enterprise: Schedule W-2

**SCHEDULE W-24: Untreated Water Service**

Applicable inside and outside the City and County of San Francisco for untreated water service when the customer furnishes all facilities necessary to convey the untreated water from the San Francisco Water Enterprise's water supply reservoirs to the customer's point of use.

**First:** A Monthly Service Charge based on the size of the meter.

| Meter Size | Proposed   |            |            |            |
|------------|------------|------------|------------|------------|
|            | FYE 2019   | FYE 2020   | FYE 2021   | FYE 2022   |
| 5/8 in     | \$12.30    | \$13.28    | \$14.19    | \$15.17    |
| 3/4 in     | \$15.76    | \$17.01    | \$18.18    | \$19.43    |
| 1 in       | \$22.67    | \$24.47    | \$26.15    | \$27.95    |
| 1-1/2 in   | \$39.94    | \$43.12    | \$46.07    | \$49.25    |
| 2 in       | \$60.67    | \$65.50    | \$69.98    | \$74.81    |
| 3 in       | \$115.95   | \$125.18   | \$133.74   | \$142.97   |
| 4 in       | \$178.14   | \$192.32   | \$205.47   | \$219.65   |
| 6 in       | \$350.89   | \$378.82   | \$404.72   | \$432.65   |
| 8 in       | \$558.19   | \$602.62   | \$643.82   | \$688.25   |
| 10 in      | \$869.14   | \$938.32   | \$1,002.47 | \$1,071.65 |
| 12 in      | \$1,491.04 | \$1,609.72 | \$1,719.77 | \$1,838.45 |
| 16 in      | \$2,596.64 | \$2,803.32 | \$2,994.97 | \$3,201.65 |

**Second:** A charge for all water delivered based on monthly meter reading.

|                        | Proposed |          |          |          |
|------------------------|----------|----------|----------|----------|
|                        | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| For all units of water | \$0.76   | \$0.82   | \$0.88   | \$0.95   |

**SCHEDULE W-31: Commercial, Industrial and General Uses outside the City and County of San Francisco.**

Applicable to multiple-family residential, commercial, industrial and other general uses served through a separate meter or bank of meters: Schedule W-1C

**SCHEDULE W-33. Public Uses Excluding Wholesale outside the City and County of San Francisco**

Applicable to Public Buildings, Parks and Other Metered Service: Schedule W-1C

**Section 6 - Drought Surcharge**

If the Commission, at a publicly noticed meeting, adopts a resolution declaring a stage of water delivery reduction in accordance with the Retail Water Shortage Allocation Plan (i.e., Stage 1, Stage 2 or Stage 3), the following schedule of drought surcharges shall be applied to retail water rates as of the date of the Commission resolution or any effective date designated by the Commission. For residential customers, the surcharges shall be based on the assumption that the overall demand reduction is split evenly between Tier 1 and Tier 2. Each nonresidential customer shall incur the percent drought surcharge uniformly. The overall required surcharge is based on the final formula: surcharge (\$ per ccf) = Water Revenue Shortfall from reduced flow/ Reduced Water Flow.

| <b>Retail Water Shortage Allocation Plan Stage</b> | <b>Target Usage Reduction</b> | <b>Drought Surcharge on Volumetric Water/WW Rates</b> |
|--|-------------------------------|---|
| <b>Stage 1</b>                                     | 5 - 10%                       | Up to 10%   |
| <b>Stage 2</b>                                     | 11 - 20%                      | Up to 20%   |
| <b>Stage 3</b>                                     | Over 20%                      | Up to 25%   |

The drought surcharges shall remain in effect until the Commission, at a publicly noticed meeting, adopts a resolution rescinding the water delivery reduction.

**Section 7 – Effective Date**

The rates for FYE 2019 set forth herein shall be effective for water meter readings made on or after July 1, 2018 or as soon thereafter as possible. The rates for FYE 2020 shall be effective for water meter readings made on or after July 1, 2019. The rates for FYE 2021 shall be effective for water meter readings made on or after July 1, 2020. The rates for FYE 2022 shall be effective for water meter readings made on or after July 1, 2021, and shall remain in effect until repealed, modified or superseded.

**From:** [Kern, Chris \(CPC\)](#)  
**To:** [Revelli, Lindsay \(PUC\)](#)  
**Cc:** [Johnston, Timothy \(CPC\)](#); [Torrey, Irina \(PUC\)](#)  
**Subject:** RE: SFPUC CEQA Statutory Exemption Request - Water Rates FYE 2019 thru FYE 2022  
**Date:** Monday, March 26, 2018 10:02:43 AM  
**Attachments:** [image001.png](#)

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Hi Lindsay, the Planning Department has determined that the SFPUC's Proposal to Adopt Retail Water Rates for FYE 2019 through FYE 2022 is statutorily exempt from environmental review in accordance with CEQA section 21080(b)(8) and CEQA Guidelines section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

**Chris Kern, Principal Planner**  
**Environmental Planning Division**  
San Francisco Planning Department  
1650 Mission Street, Suite 400, San Francisco, CA 94103  
**Direct:** 415-575-9037 | [www.sfplanning.org](http://www.sfplanning.org)  
[San Francisco Property Information Map](#)

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**From:** Revelli, Lindsay [mailto:LRevelli@sfgwater.org]  
**Sent:** Friday, March 23, 2018 11:32 AM  
**To:** Kern, Chris (CPC)  
**Cc:** Johnston, Timothy (CPC); Bordon, Rhia (CPC)  
**Subject:** SFPUC CEQA Statutory Exemption Request - Water Rates FYE 2019 thru FYE 2022

Hi Chris – Please find attached for your review the Statutory Exemption Request for the Proposal to Adopt Retail Water Rates for FYE 2019 through FYE 2022.

Please feel free to contact me with any questions you may have.

Thanks very much,

Lindsay

Lindsay Lane Revelli  
Environmental Project Manager  
San Francisco Public Utilities Commission  
Bureau of Environmental Management  
525 Golden Gate Avenue, 6th Floor, San Francisco, CA 94102  
D 415-554-1823 F 415-934-5750





**San Francisco**  
**Water Power Sewer**  
 Services of the San Francisco Public Utilities Commission

Bureau of Environmental Management  
 525 Golden Gate Avenue, 6th Floor  
 San Francisco, CA 94102  
 T 415.934.5700  
 F 415.934.5750  
 TTY 415.554.3488

March 22, 2018

Mr. Chris Kern, Senior Environmental Planner  
 Environmental Planning Division  
 San Francisco Planning Department  
 1650 Mission Street, Suite 400  
 San Francisco, CA 94103

RE: CEQA Statutory Exemption Request  
 Proposal to Adopt Retail Water Rates  
 FYE 2019 through FYE 2022

Dear Chris:

The San Francisco Public Utilities Commission (SFPUC) proposes adoption of water rates for retail water service in San Francisco and suburban areas during the Fiscal Year Ending 2019 through Fiscal Year Ending 2022 to become effective July 1, 2018, July 1, 2019, July 1, 2020, and July 1, 2021. The SFPUC Bureau of Environmental Management requests Environmental Planning (EP) concurrence that the proposed adoption of rates is statutorily exempt under the California Environmental Quality Act (CEQA).

The SFPUC recommends the proposed adoption of rates by the Commission is statutorily exempt from CEQA under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

As required by the City & County of San Francisco Charter, the SFPUC retains an independent rate consultant at least every five years to evaluate the cost of service of the retail water and sewer systems, and to recommend appropriate rate structures. This rate study is an engineering and financial exercise that provides an administrative record to satisfy the legal requirements of California's Proposition 218 and the City Charter. The rate study ultimately provides the basis and rationale for proposed water and wastewater rates supported by a cost of service analysis.

**Mark Farrell**  
 Mayor

**Ike Kwon**  
 President

**Vince Courtney**  
 Vice President

**Ann Moller Caen**  
 Commissioner

**Francesca Viotor**  
 Commissioner

**Anson Moran**  
 Commissioner

**Harlan L. Kelly, Jr.**  
 General Manager

**OUR MISSION:** To provide our customers with high-quality, efficient and reliable water, power and sewer services in a manner that values environmental and community interests and sustains the resources entrusted to our care.



Additionally, the updated Ratepayer Assurance Policy adopted by the Commission on the September 12, 2017, set the following principles to guide the development of rates and charges:

- Revenue Sufficiency
- Customer Equity
- Environmental Sustainability
- Affordability
- Predictability
- Simplicity

This water rates proposal was developed based on these principles, and the rate design policy decisions reference the tradeoffs inherent in the rate-setting process, as required by the Ratepayer Assurance Policy. The proposed water service rates have been reviewed by the Rate Fairness Board and have benefitted from extensive public outreach.

SFPUC staff has determined rate increases are necessary to maintain revenue sufficiency and to meet operational goals. Over the next four years, FYE 2019 through FYE 2022, staff proposes to raise rates such that the average single family water bill increases by 8% annually. Additionally, staff proposes the following rate design changes:

1. Phasing in of changes to cost allocations which impact residential volumetric charges
2. Consolidation of non-residential volumetric rates
3. Implementation of a temporary drought surcharge. A temporary surcharge would only be implemented if the Commission were to declare a drought and implement the Water Shortage Allocation Plan and would only recover the cost of service.

The last water and wastewater rate study was completed in 2014 and supported rates for the four-year period beginning FY 2014-15 through FY 2017-18. While the past few years focused on the Water System Improvement Program (WSIP) progress, the next four years supports the completion of WSIP, as well as the beginning of major portions of the Sewer System Improvement Program (SSIP) and continued water and sewer main replacement.



Mr. Chris Kern, Senior Environmental Planner  
Environmental Planning Division, San Francisco Planning Department  
CEQA Statutory Exemption Request  
Proposal to Adopt Retail Water Rates FYE 2019 through FYE 2022  
March 22, 2018  
Page 3

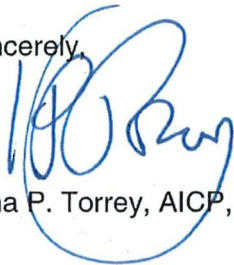
Pursuant to Charter Section 16.112, a Notice of Public Hearing on the establishment of a schedule of rates was published in the official newspaper on March 12th through March 18th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018, with possible Commission action on this date. If approved by the Commission, these rates and charges will be subject to rejection by the Board of Supervisors (BOS), as provided in Charter section 8B.125, within 30 days following notification to the BOS. If approved, these proposed retail water rates will become effective July 1, 2018 and will remain effective until revised.

**CEQA COMPLIANCE/RECOMMENDATION**

The SFPUC recommends the proposed adoption of water rates for FYE 2019 through FYE 2022 is statutorily exempt from environmental review under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges), Subsection (a)(1) which provides a statutory exemption from CEQA for the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies for the purposes of meeting operating expenses, including employee wage rates and fringe benefits.

Thank you for your concurrence with this request.

Sincerely,



Irina P. Torrey, AICP, Bureau Manager

Cc: Charles Perl, SFPUC Deputy Chief Financial Officer  
Timothy Johnston, MP, Environmental Planner, Environmental Planning  
Division, San Francisco Planning Department  
Lindsay Revelli, Environmental Project Manager, SFPUC Bureau of  
Environmental Management

**PUBLIC UTILITIES COMMISSION**

City and County of San Francisco

RESOLUTION NO.: 18-0054

WHEREAS, In accordance with Section 8B.125 of the Charter of the City and County of San Francisco, the San Francisco Public Utilities Commission (SFPUC) has retained an independent rate consultant, Carollo Engineers, which prepared the report, 2018 SFPUC Water and Wastewater Cost of Service Study (“2018 Rate Study”), and has submitted the report’s findings to the Rate Fairness Board for its review; and

WHEREAS, The General Manager of the SFPUC and staff have reviewed the independent consultant’s 2018 Rate Study, and have prepared a staff proposal, which has been submitted to the Rate Fairness Board for its review and posted to the sfwater.org website; and

WHEREAS, The Rate Fairness Board has reviewed the findings and recommendations of the General Manager’s report and the independent consultant’s 2018 Rate Study, and has prepared its own report and presented that report to this Commission on April 10, 2018; and

WHEREAS, The General Manager finds that sewer service revenues under existing rates will be insufficient to meet revenue requirements of the Wastewater Enterprise as projected in the Wastewater Enterprise 10-Year Financial Plan, and, based on the analysis set forth in the 2018 Rate Study, recommend that wastewater rates be adjusted over the next four years to increase total revenue from wastewater rates by 7% annually in both fiscal years ending 2019 and 2020, by 8% in both fiscal years ending 2021 and 2022; and

WHEREAS, As required by Proposition 218, a notice of the proposed rate adjustments was sent to all ratepayers and property owners more than 45 days in advance of the Commission’s April 10, 2018 public hearing; and

WHEREAS, Pursuant to the published notice of the intention of the Public Utilities Commission to adopt revised Schedules of Wastewater Rates and Charges to be charged for retail sewer service in San Francisco, the Commission held a public hearing on April 10, 2018, and members of the public were given an opportunity to comment on the revised Schedules of Wastewater Rates and Charges; and

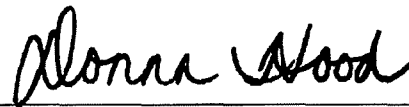
WHEREAS, At the April 10, 2018 public hearing, the Commission considered protests against the proposed rates, and written protests against the proposed rates were presented by less than a majority of parcel owners and direct water services customer tenants; and

WHEREAS, On March 26, 2018 the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges) ; now, therefore, be it

RESOLVED, That this Commission hereby determines that projected revenues under existing wastewater rates, together with other revenues of the Wastewater Enterprise, will be insufficient to meet the revenue requirements of the Wastewater Enterprise as projected in the Wastewater Enterprise 10-Year Financial Plan, and that overall adjustments of 7% to the wastewater rates applicable in fiscal years ending 2019 and 2020, and 8% in the wastewater rates applicable in fiscal years ending 2021 and 2022 are necessary and appropriate to meet revenue requirements for FYE 2019-2022; and be it

FURTHER RESOLVED, The Schedules of Wastewater Rates attached hereto and incorporated herein by reference shall apply to all retail Customers, as defined in the schedule, which discharge to San Francisco's Sewerage System, effective on or after July 1, 2018.

*I hereby certify that the foregoing was adopted by the Public Utilities Commission at its meeting of April 10, 2018.*



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Secretary, Public Utilities Commission

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## **SCHEDULES OF WASTEWATER RATES**

**(Adopted April 10, 2018 by Commission Resolution No. 18-0054)**

### **Section 1 – Authority and General Purpose**

This Schedule is adopted pursuant to Section 8B.125 of the Charter of the City and County of San Francisco for the purpose of establishing an orderly system for the imposition and collection of charges for the operating, maintenance, replacement, debt service and other costs incurred by the San Francisco Wastewater Enterprise in collecting, treating and disposing of sewage, stormwater, industrial wastes and other wastes.

### **Section 2 – Definitions**

For the purpose of this Resolution, the following definitions shall apply unless the context specifically dictates otherwise.

**“City”**

The City and County of San Francisco

**“COD”**

Chemical Oxygen Demand (COD) is a quantitative measure of the amount of oxygen required for chemical oxidation of carbonaceous materials in wastewater using a strong chemical oxidant such as chromic acid ( $H_2Cr_2O_7$ ).

**“Commission”**

The San Francisco Public Utilities Commission

**“Customer”**

Any person, firm, corporation, partnership, trust, or any other entity including, but not limited to, local, state and federal governments utilizing the services of the City’s wastewater collection and treatment system.

**“Customer Charge”**

The charge applied to Customers to recover the operations, maintenance, debt service and replacement costs incurred by the City to collect, treat, and dispose of Sewage, Stormwater, Industrial Wastes, and Other Wastes of the Customer. The Customer Charge includes administrative costs of the Wastewater Enterprise, SFPUC, and other appropriate City functions.

**“Customer Class”**

Users with the same or similar usage characteristics are grouped into Customer Classes for purposes of cost allocation and rate setting.

**“Discharge”**

The Customer's metered water use multiplied by the Customer's applicable wastewater Flow Factor.

**“Discharge Unit”**

100 cubic feet of wastewater discharged to sewerage system. The quantity of wastewater shall be the amount metered, or, in the event quantity is not metered, shall be the metered water use multiplied by the wastewater Flow Factor.

**“Domestic Wastes”**

Water-carried human wastes from sanitary conveniences, including but not limited to toilets, sinks, bathtubs, and residential laundry facilities.

**“Dwelling Unit”**

As defined in San Francisco Planning Code Section 102.7, a room or suite of two or more rooms that is designed for, or is occupied by, one family doing its own cooking therein and having only one kitchen. For the purposes of this resolution, “Dwelling Unit” shall not include a lodging house, rooming house, motel or hotel, as defined in San Francisco Housing Code Section 410, or a live/work unit, as defined in Section 102.13 of the San Francisco Planning Code.

**“Flow Factor”**

The percentage of metered water use returned to sewers and the Sewerage System as wastewater. For purposes of determining applicable charges, the percentage of water use returned to sewers is assumed to be 90% for single family Residential Users, 95% for multifamily Residential users and 90% for all other users. The General Manager may establish modified percentages by estimation or based on an inspection of the Residential User's premises and water use. Residential Users may appeal their assigned Flow Factor pursuant to procedures set forth in applicable department regulations.

**“General Manager”**

The General Manager of the Public Utilities Commission or his or her designee

**“Hydrocarbon Oil and Grease”**

Hydrocarbon oil and grease (O/G) is the measurement of that fraction of recoverable oil and grease of petroleum origin using a test specified in 40 CFR Part 136.

**“Industrial Wastes”**

Any solid, liquid, or gaseous wastes including cooling water resulting from any industrial, commercial or manufacturing process or from the development, recovery, or processing of natural resources.

**“Operations and Maintenance Costs”**

Expenditures used for the collection, treatment and disposal of Sewage, Stormwater, Industrial Wastes and Other Wastes including, but not limited to, the costs of personnel, materials and supplies, energy and administration.

**“Other Wastes”**

All decayed wood, sawdust, shavings, bark, lime, refuse, ashes, garbage, offal, oil, tar, chemicals, and all other substances except Sewage, Stormwater and Industrial Wastes.

**“Residential Wastewater User”**

The owner or customer of record of any single-family or multiple-family Dwelling Unit.

**“Sewage”**

Water-carried human wastes or a combination of water-carried human or industrial wastes from residences, commercial buildings, institutions, and industrial establishments, together with such ground, surface, storm or other wastes that may be present.

**“Sewage System” or “Sewerage System”**

The City’s wastewater system including all properties (real, personal and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for collection, treatment and disposal of wastewater, including all future additions, extensions, replacements and improvements to the system.

**“Standard Industrial Classification” or “SIC”**

A coding system established by the United States government to classify businesses and industries. SIC codes are assigned based on common characteristics shared in the products, services, production and delivery system of a business.

**“Stormwater”**

Surface water originating from rainfall collected in the sewerage system.

**“Total Suspended Solids”**

The measurement of the amount of insoluble solids that either float on the surface of wastewater or are suspended in wastewater using a test specified in 40 CFR Part 136.

**Section 3 – Unlawful Discharge**

It shall be unlawful, except as herein provided, for any Customer to discharge Sewage, Stormwater, Industrial Wastes, or Other Wastes into the sewers or sewerage works of the City, unless such Customer shall pay the City its Customer Charge as hereinafter provided.

#### **Section 4 – Customer Classification**

##### **a. Class Determination**

Upon application for new service, each Customer shall be assigned to a Customer Class based on the City's evaluation of the Customer's waste discharge characteristics in accordance with the requirements of this resolution and applicable laws and regulations. Such Customer Class determination shall be based on the Customer's description of its current operation and use of the collection, treatment and disposal facilities of the City. Such description shall be subject to verification by the City.

##### **b. Change in Classification**

Customers requiring or requesting a change in their classification shall do so in writing within 30 days of a change in operations.

##### **c. Unmetered Service**

In circumstances where a Customer's discharge is not measured by metered water consumption, the General Manager is authorized to implement appropriate requirements and procedures for determining a Customer Charge consistent with the requirements of this resolution and applicable state and federal laws.

#### **Section 5 – Enterprise Funds**

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Wastewater Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

#### **Section 6 – Billing Rates for Wastewater Customer Charges**

The following schedules of customer charges to be paid by all dischargers to the City's Sewerage System are hereby adopted and imposed.

**SCHEDULE A.** This schedule shall apply to Single Family and Multi-Family Residential wastewater customers. The rates under this schedule are based upon the typical strengths for Domestic Wastes, as determined by the General Manager. All Residential wastewater users shall be charged on the basis of discharge units in accordance with the schedule of rates as follows:

| Schedule A. Residential                | Proposed |          |          |          |
|--|----------|----------|----------|----------|
|  | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| Monthly Service Charge                 | \$0.98   | \$2.19   | \$3.60   | \$5.21   |
| Volume per Discharge Unit <sup>1</sup> | \$13.06  | \$13.88  | \$14.89  | \$15.97  |

<sup>1</sup> Discharge Unit = 1 CCF of wastewater = 748 gallons

**SCHEDULE B.** Users other than Residential wastewater users charged under Schedule A of this Resolution (i.e. Non-Residential), shall be charged the cost for each parameter according to the following:

| Schedule B. Non-Residential              | Proposed |          |          |          |
|--|----------|----------|----------|----------|
|  | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| Volume per Discharge Unit <sup>1,2</sup> | \$7.84   | \$8.29   | \$8.86   | \$9.46   |
| PLUS                                     |          |          |          |          |
| Chemical Oxygen Demand (COD) per Pound   | \$0.519  | \$0.555  | \$0.599  | \$0.647  |
| PLUS                                     |          |          |          |          |
| Total Suspended Solids (TSS) per Pound   | \$1.320  | \$1.412  | \$1.525  | \$1.647  |
| PLUS                                     |          |          |          |          |
| Oil and Grease (O/G) per Pound           | \$1.331  | \$1.424  | \$1.538  | \$1.661  |

<sup>1</sup> Discharge Unit = 1 CCF of wastewater = 748 gallons

<sup>2</sup> Applicable to the volume of wastewater discharged in accordance with the rules and regulations of the Wastewater Enterprise

Those users whose parameter loadings are not based on periodic sampling shall be charged on the basis of standard parameter loadings established by the General Manager for each SIC code in accordance with applicable state and federal laws and regulations.

### Section 6 – Drought Surcharge

If the Commission, at a publicly noticed meeting, adopts a resolution declaring a stage of water delivery reduction in accordance with the Retail Water Shortage Allocation Plan (i.e., Stage 1, Stage 2 or Stage 3), the following schedule of drought surcharges shall be applied to retail water rates as of the date of the Commission resolution or any effective date designated by the Commission. For residential customers, the surcharges shall be based on the assumption that the overall demand reduction is split evenly between Tier 1 and Tier 2. Each nonresidential customer shall incur the percent drought surcharge uniformly. The overall required surcharge is based on



the final formula: surcharge (\$ per ccf) = Wastewater Revenue Shortfall from reduced flow/  
Reduced Wastewater Flow.

| <b>Retail Water Shortage Allocation Plan Stage</b> | <b>Target Usage Reduction</b> | <b>Drought Surcharge on Volumetric Water/WW Rates</b> |
|--|-------------------------------|---|
| <b>Stage 1</b>                                     | 5 - 10%                       | Up to 10%   |
| <b>Stage 2</b>                                     | 11 - 20%                      | Up to 20%   |
| <b>Stage 3</b>                                     | Over 20%                      | Up to 25%   |

The drought surcharges shall remain in effect until the Commission, at a publicly noticed meeting, adopts a resolution rescinding the water delivery reduction.

#### **Section 7 – Effective Date**

The rates for FYE 2019 adopted pursuant to Commission Resolution No. \_\_\_\_\_ shall be effective for water meter readings made on or after July 1, 2018 or as soon thereafter as possible. The rates for FYE 2020 adopted pursuant to the resolution shall be effective for water meter readings made on or after July 1, 2019. The rates for FYE 2021 adopted pursuant to the resolution shall be effective for water meter readings made on or after July 1, 2020. The rates for FYE 2022 adopted pursuant to the resolution shall be effective for water meter readings made on or after July 1, 2021, and shall remain in effect until repealed, modified or superseded.



# AGENDA ITEM

## Public Utilities Commission

City and County of San Francisco



DEPARTMENT Financial Services AGENDA NO. 12  
 MEETING DATE April 10, 2018

**Public Hearing: Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**

**Project Manager:** Charles Perl

|   |   |
|---|---|
| <b>Summary of Proposed Commission Action:</b> | <b>Public Hearing:</b> To consider and adopt a <b>new four-year</b> schedule of rates for wastewater service in San Francisco, to take effect on or after July 1, 2018. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.  |
| <b>Background:</b>                            | <p><b>Executive Summary</b></p> <p>This four-year wastewater rate proposal is the result of a multi-year process that includes policy review, analytical analysis, and public outreach. This work has been guided by the governance of a project charter and overseen by a project steering committee that included the SFPUC General Manager, the Executive Team, including Assistant AGMs and a staff working group from across the organization. As required by the City Charter, the rate proposal was developed with the support of a cost of service analysis completed by an independent rate consultant titled the 2018 SFPUC Water and Wastewater Rate Study (“2018 Rate Study”), consistent with the requirements of Article XIII D of the California Constitution (“Proposition 218”).</p> <p>The 2018 Rate Study is comprised of three main components: a revenue requirement analysis cost of service analysis, and rate design. After completing this rigorous process, and considering the recommendations of the independent rate consultant, SFPUC staff has determined rate increases are necessary to maintain revenue sufficiency and to meet operational goals. Over the next four years, FYE 2019 through FYE 2022, staff proposes to raise rates such that the average single family wastewater bill increases by 8.3% annually, as referenced in Table 1.</p> <p>Additionally, staff proposes the following rate design changes:</p> <ol style="list-style-type: none"> <li>1. Implement a fixed monthly wastewater service charge, to be phased in over the four year period</li> <li>2. Establish a process for assessment of a temporary drought surcharge. The temporary drought surcharge would be triggered only when the Commission imposes delivery reductions in accordance with the SFPUC’s Retail Water Shortage Allocation Plan, and calls for either voluntary or mandatory water use reductions. Such a surcharge would recover the cost of service.</li> </ol> |

**APPROVAL:** \_\_\_\_\_  
 COMMISSION SECRETARY Donna Hood

**Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date: April 10, 2018**

**Table 1. Proposed Average Single Family Wastewater Bill**

|                            | Current<br>FYE 2018 | Proposed    |             |             |             | Average<br>Increase |
|----------------------------|---------------------|-------------|-------------|-------------|-------------|---------------------|
|                            |                     | FYE<br>2019 | FYE<br>2020 | FYE<br>2021 | FYE<br>2022 |                     |
| Wastewater Fixed Charge    | \$0                 | \$1         | \$2         | \$4         | \$5         | \$1.30              |
| Wastewater Variable Charge | \$59                | \$62        | \$66        | \$71        | \$76        | \$4.26              |
| <b>Wastewater Bill</b>     | <b>\$59</b>         | <b>\$63</b> | <b>\$68</b> | <b>\$75</b> | <b>\$81</b> | <b>\$5.56</b>       |
| <i>% Increase</i>          |                     | 7%          | 8%          | 9%          | 8%          | 8.3%                |

Notes: Assumes 5.3 CCF monthly water usage and 90% flow factor

**Overview of 2018 Water and Wastewater Rate Study**

As required by the City Charter, the SFPUC retains an independent rate consultant at least every five years to evaluate the cost of service of the retail water and sewer systems, and to recommend appropriate rate structures. The rate study is an engineering and financial exercise that explains the basis and rationale for the proposed rates, supported by a cost of service analysis, and provides an administrative record to satisfy the legal requirements of California's Proposition 218 and the City Charter. .

The previous rate study was completed in 2014 and supported rates for the four-year period from FY 2014-15 through FY 2017-18. The proposed rates for the next four years supports the completion of WSIP, as well as the beginning of major portions of the Sewer System Improvement Program (SSIP) and continued water and sewer main replacement.

The SFPUC selected Carollo Engineers through a competitive Request for Proposals process. During development of the 2018 Rate Study, staff received Commission input and management direction on a wide range of topics, including financial policies, the impact of the drought and customer water conservation on the SFPUC's finances, tiers, fixed/variable cost recovery, as well as analysis of customer affordability.

This report discusses the outcome of the 2018 Rate Study, highlighting each major task and outcome. The 2018 Rate Study is the basis for proposed rate increases resulting in an 8.4% average annual increase, over the next four years, on the single family combined (water and wastewater) residential monthly bill as noted in Table 2 below.

**Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date: April 10, 2018**

**Table 2. Proposed Average Monthly Single Family Residential Combined Bill**

|                   | Current Rates<br>FYE 2018 | Proposed     |              |              |              | Average Increase |
|-------------------|---------------------------|--------------|--------------|--------------|--------------|------------------|
|                   |                           | FYE 2019     | FYE 2020     | FYE 2021     | FYE 2022     |                  |
| Water             | \$49                      | \$53         | \$57         | \$62         | \$67         | \$4.74           |
| Wastewater        | \$59                      | \$63         | \$68         | \$75         | \$81         | \$5.56           |
| <b>Combined</b>   | <b>\$108</b>              | <b>\$116</b> | <b>\$126</b> | <b>\$137</b> | <b>\$149</b> | <b>\$10.30</b>   |
| <i>% Increase</i> |                           | 7.6%         | 8.4%         | 8.9%         | 8.9%         | 8.4%             |

Note: Assumes 5/8" meter size and 5.3 CCF monthly water usage

**SFPUC Financial Policies Update**

Over the past year, the SFPUC has updated and added several financial policies, including the Ratepayer Assurance Policy, Debt Service Coverage Policy, Fund Balance Reserve Policy, and Capital Financing Policy supporting one of the SFPUC Strategic Plan goals of financial sustainability. The SFPUC revised the Ratepayer Assurance Policy through the consolidation of the previous Rates and Ratepayer Assurance Policies. These updated policies have guided staff during the development of the proposed wastewater rates, and the rates proposal conforms to these policies.

Ratepayer Assurance Policy

The SFPUC recently consolidated and updated its Rates Policy and Ratepayer Assurance Policy. The updated Ratepayer Assurance Policy, adopted by the Commission on the September 12, 2017, sets principles to guide the development of rates and charges to be:

- Revenue Sufficiency
- Customer Equity
- Environmental Sustainability
- Affordability
- Predictability
- Simplicity

This rates proposal was developed based on these principles, and the rate design policy decisions discussed below make reference to the tradeoffs inherent in the rate-setting process, as required by the Ratepayer Assurance Policy.

**Basis of Wastewater Rate Changes**

The Wastewater Enterprise has begun construction on several of the major projects in Phase I of the Sewer System Improvement Program (SSIP). These major capital projects are projected to increase debt service costs 130% from \$50.5M in FYE 2018 to \$116.3M in FYE 2022. Debt service costs are projected to continue increasing throughout the next ten years as the SSIP progresses, requiring significant rate increases to ensure that these vital projects can be adequately funded. In addition, gradual increases in operating expenses are also projected to follow long term inflationary growth of 3% annually. Capital costs are significant drivers of the need for the rate increase; for every new dollar generated by the combined rate increase, approximately 48% will cover wastewater capital needs,

either the payment of debt service or revenue-funding of capital projects.

**Historic Water Demand**

As can be seen in Figure 1, during the recent drought, retail customers reduced water usage, on a 12-month rolling basis, by 15.9% from their pre-drought levels in February 2014. Because wastewater charges are billed based on metered water revenues, as can be seen in Figure 2, this decreased water consumption led to an average annual \$7.3M shortfall in revenues from the projections in the 2014 rate study. This shortfall was accommodated through budget cuts, use of fund balance and incorporating planned SSIP program timing changes. As of December 2017, retail customers have increased water usage by 3.2%, on a 12-month rolling basis, from their low point during the drought, but past experience and uncertainty around future wastewater volumes projections require a prudent approach to be taken in forecasting future demand.

**Projected Water Demand**

SFPUC is projecting a slightly downward sloping water demand trendline. The causes for such a trend are numerous, including changing customer behavior towards more hardened water conservation post-drought, replacement of fixtures with more efficient water saving devices, better enterprise system management of leaks, as well as some sensitivity to increasing rates, or price elasticity. Given this projected trend, the rate study incorporates a 0.5% annual reduction in wastewater sales volumes from current year projections. Staff considered a number of factors, including the attached City Economist Study on Elasticity, in deciding on the 0.5% annual reduction. The assumed 0.5% annual reduction recognizes that there are multiple unknowns that are being accounted for in projected wastewater sales volumes.

**Figure 1. Historic Retail Water Sales (MGD)**

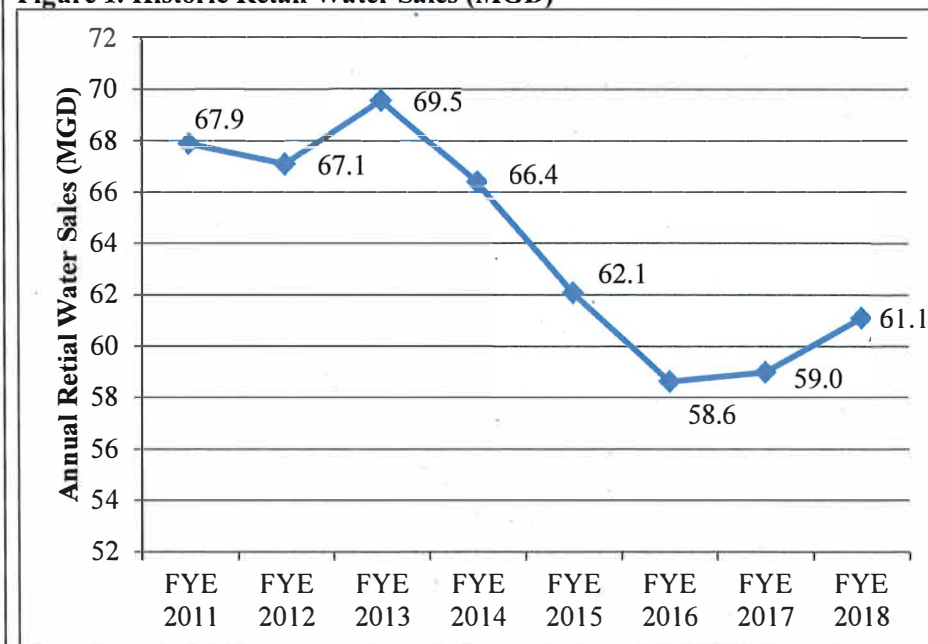
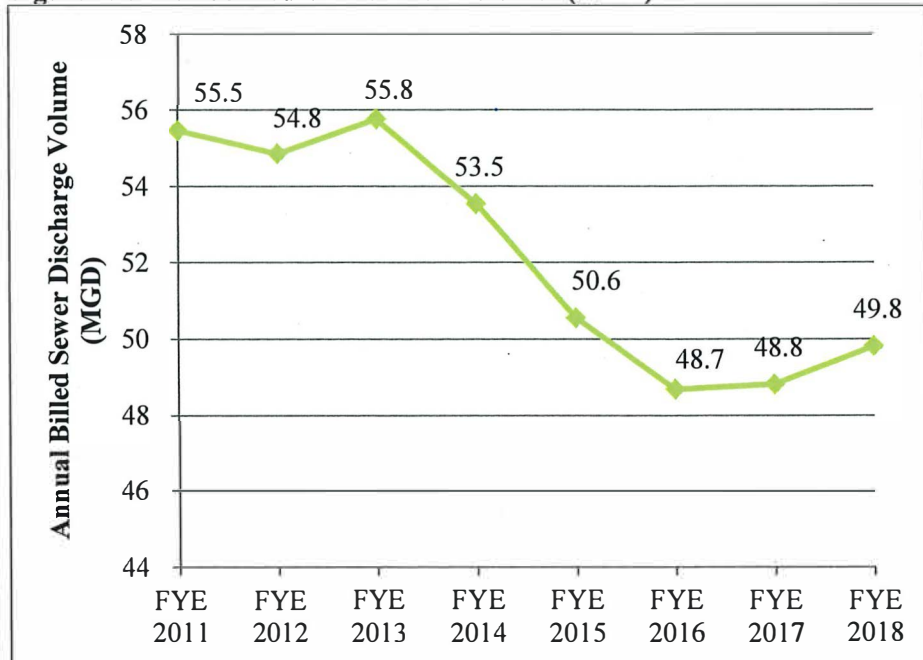


Figure 2. Historic Billed Wastewater Volumes (MGD)



#### Independent Consultant – 2018 SFPUC Water and Wastewater Cost of Service Study

Starting in October 2016, SFPUC engaged Carollo Engineers as the independent rate consultant to prepare the rate study. SFPUC staff has worked closely with the consultant to analyze the current revenues and revenue requirements of the Wastewater Enterprise, conducted a detailed review of the Enterprise's cost of providing service, and reviewed the current rate design and recommendation for changes to rate design to:

- Provide sufficient revenues for the operations, maintenance, and repair of the enterprise consistent with good utility practice;
- Provide sufficient revenues to improve or maintain financial condition and bond ratings at or above levels equivalent to highly rated utilities of each enterprise;
- Meet requirements and covenants under all bond indentures;
- Set rates based on cost of service;
- Investigate and develop rate-based conservation incentives

As set forth in the 2018 Rate Study, the independent consultant has determined that rate increases are necessary to fund the projected operating and capital costs of the Wastewater Enterprise. Detailed information on the revenue requirements, cost of service analysis, and rate design can be found in the study, which is attached to this report and available online at [sfwater.org/rates](http://sfwater.org/rates).

#### Wastewater Enterprise Revenue Requirements

The 2018 Rate Study compared the forecasted revenues of the utility to its

**Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date: April 10, 2018**

forecasted operating and capital needs. Included in this forecast are the Wastewater Enterprise's Commission-approved FYE 2019 and FYE 2020 Budget, 10 Year Capital Plan, and 10 Year Financial Plan. This revenue requirement analysis determines if rates are adequate to cover the cost of service. This analysis concluded that revenues under existing rates would be insufficient to fund the enterprise's expected financial obligations. If rates remained the same, the Wastewater Enterprise would be unable to generate sufficient revenues to pay operational and capital expenses including debt service obligations. The cumulative deficit from FYE 2019 through FYE 2022 totals \$252 million.

Based on the 2018 Rate Study analysis, the SFPUC is proposing a four-year adjustment to sewer rates increasing Wastewater Enterprise revenues by 7% annually in FYE 2019 and FYE 2020, and 8% annually in FYE 2021 and FYE 2022. This proposal is lower than the recommendation in the independent rate consultant's 2018 Rate Study, which recommends increases of 9% during each of the four years. The staff rate proposal is driven by policy considerations to use fund balance to at slightly higher levels than the consultant recommends over the same four year rate period. The wastewater rate proposal is also based on the Rate Payer Assurance Policy and its goals of *affordability* and *predictability* in the combined water and wastewater bills. Alongside staff-recommended changes to the proposed water rate increases, the result is a smooth increase in the combined water and wastewater bills of 7.6% to 8.9%.

**Cost of Service Analysis**

The 2018 Rate Study updated the cost of service analysis for the Wastewater Enterprise. The cost of service analysis serves as a rational basis for distributing the full costs of SFPUC's services to each customer class in proportion to the demands placed on the sewer system. The updated cost of service analysis included:

- complete update of asset and capital project allocations
- new indirect cost allocation for Bureau expenses
- revised and well-documented allocations of operating expenses to functions

**Rate Design**

Wastewater rate design determines how the revenue requirements are recovered by each customer through specific wastewater rates. The focus of this process is to achieve cost recovery and ensure that customers are paying their fair and proportionate share of system costs.

Current Rate Structure

The SFPUC's existing wastewater rate structure consists of a variable charge based on assumed percentage of metered water usage discharged into the sewer system. Single and multi-family residential rates are based on a flat rate per discharge unit, calculated from the rate components assuming domestic strength sewage. Non-residential rates are based on volume, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), and oil and grease (O/G), with rates calculated for different customer types based on either individual sampling or assumed loadings based on SIC code.

**Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**  
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Proposed Rate Design Changes

Staff proposes two - rate design changes consistent with the consultant recommendations in the 2018 Rate Study:

**Fixed Monthly Wastewater Service Charge:** Staff proposes imposing a new fixed monthly service charge to cover costs related to customer service and billing, which total 3% of the wastewater revenue requirement. The service charge is the same for all customers, as billing and customer service costs are the same regardless of meter size. This service charge provides a stable revenue source that is not affected by demand changes, supporting *revenue sufficiency* for the SFPUC and *predictability* for customers. To smooth bill impacts from this change, especially for low-water users who will see the largest percentage impact from the introduction of a fixed charge, staff proposes phasing in the fixed charge over the four year period. The monthly service charge will rise from \$0.98 in FYE 2019 to \$5.21 in FYE 2022, when it reaches the full 3% of revenue allocation. It should be noted that the addition of this fixed charge offsets reductions to variable charge cost recovery, so this billing change is revenue neutral.

**Temporary Drought Surcharge:** Staff proposes establishing a process to allow the Commission to implement a temporary drought surcharge, which would apply to the volumetric portions of both water and wastewater rates (*i.e.*, not to the monthly fixed service charge). The temporary drought surcharge would be triggered only when the Commission imposes delivery reduction in accordance with the SFPUC's Retail Water Shortage Allocation Plan and calls for either voluntary or mandatory water reduction. At that time, SFPUC staff would calculate the estimated revenue reduction resulting from water use reduction, as well as the surcharge to retail rates necessary to meet the revenue requirement based on reduced water sales. The temporary surcharge would be removed when the Commission lifts the call for water use reductions in accordance with the Retail Water Shortage Allocation Plan.

The following is an example of how the temporary drought surcharge would be implemented:

1. The Commission implements Stage 1 of the Retail Water Shortage Allocation Plan (WSAP) calling for voluntary 10% water use reduction.
2. Staff calculates projected revenue loss resulting from water use reduction and compares to updated revenue requirements, based on cost of service.
3. Staff calculates the percentage rate increase on volumetric rates necessary to meet cost of service. The surcharge percentage cannot exceed the percentage call for water use reduction (10%) or the cost of service.
4. Surcharge ends when the Commission ends the call for water use reduction in accordance with the WSAP.

As shown in Table 3 below, customers who meet the voluntary call for water use reduction would see little or no change to their total monthly bill, as the surcharge cannot exceed the percentage call for reduction. In this way, the surcharge provides an incentive for customers to reduce their usage to the level set by the Commission, supporting the Ratepayer Assurance Policy objective of environment sustainability.



**Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**  
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**Table 3. Example 10% Surcharge Implementation for the Average Single Family Residential Customer, FYE 2019 Rates**

|                              | No Drought Surcharge     | With 10% Drought Surcharge |
|------------------------------|--------------------------|----------------------------|
| <b>Volume Calculation</b>    |                          |                            |
| Water Usage (CCF)            | 5.3                      | 5.3 x 90% = 4.77           |
| Flow Factor                  | 90%                      | 90%                        |
| Sewer Discharge Volume (CCF) | 5.3 x 90% = 4.77         | 4.77 x 90% = 4.293         |
| <b>Rate Calculation</b>      |                          |                            |
| Service Charge               | \$0.98                   | \$0.98                     |
| Volumetric Charge            | \$13.06                  | \$13.06 x 110% = \$14.37   |
| <b>Bill Calculation</b>      |                          |                            |
| Service Charge               | \$0.98                   | \$0.98                     |
| Volumetric Charge            | \$13.06 x 4.77 = \$62.30 | \$14.37 x 4.293 = \$61.67  |
| <b>Total Bill</b>            | <b>\$63.28</b>           | <b>\$62.65</b>             |

Notes: Assumes 5.3 CCF monthly pre-drought water usage, 90% flow factor, and 10% water use reduction

**Affordability**

Ratepayer affordability is a policy priority in the Ratepayer Assurance Policy, and SFPUC staff have performed analyses and developed recommendations for ways to support ratepayers who may be burdened by their utility bills. The SFPUC has a level of service goal to keep the average single family combined bill under 2.5% of the San Francisco median household income.

Using Census data, staff was able to identify and analyze the demographics of customers paying more than 2.5% of household income on their water and sewer bill. This analysis found that of the approximately 147,000 who directly pay their utility bills, approximately 19,000, or 13%, are “cost-burdened” with greater than 2.5% of their household income dedicated to their utility bill. These cost-burdened households are more likely to be families and women-led households, people of color, to be linguistically isolated (having no one over the age of 14 who speaks English well or very well), to be over 65, and to live in the southeast part of the city.

SFPUC staff plan to use the results of this analysis to better target and expand the SFPUC’s existing low-income discount programs. In addition, staff intends to bring to the Commission for consideration at the May 8, 2018 Commission meeting a proposal to reduce and/or eliminate certain fees that may disproportionately impact low-income ratepayers, such as the fees associated with returned checks or with water shutoffs. These efforts will continue over the near term, with the goal of reducing administrative burden for SFPUC staff while simultaneously better supporting cost-burdened ratepayers.

**Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date:** April 10, 2018

|                                     |   |
|-------------------------------------|---|
|                                     | <p><b>Rate Fairness Board</b><br/> The proposed wastewater rates have been presented to and discussed by the Rate Fairness Board at 11 public meetings over the past year, presented to the Citizen’s Advisory Committee on March 20, 2018, and presented at dozens of community outreach meetings to neighborhood groups, chambers of commerce, and environmental associations. The Rate Fairness Board’s presentation on the proposed rates is also being presented at the April 10, 2018 Commission meeting.</p> <p><b>Public Outreach and Education</b><br/> SFPUC Communications team has been engaged in important communication, outreach, and education on the four year water and wastewater rates proposal. Since the fall of 2017, the SFPUC Communications team has reached out to more than 400 organizations to describe SFPUC services, why rate increases are needed, and what the impact will be on their monthly bill. Between February and April of 2018, 50 community presentations occurred, reaching more than 2,000 people in this public education process on the rates proposal. In addition to the city-wide presentation, the team has engaged in multiple forms of communication to reach our ratepayers, including digital outreach and media coverage with a combined estimated reach of more than 400,000 people.</p> <p><b>Public Notice &amp; Rate Adoption Process</b><br/> In compliance with Proposition 218, official notices were sent to customers and property owners informing them of the proposed rate changes and their right to submit a written protest against the proposed rates. The notice also informed customers and property owners that if the SFPUC receives written protest from a majority of affected property owners and customers the proposed rate increases will not take effect.</p> <p>Pursuant to Charter Section 16.112, a Notice of Public Hearing on the establishment of a schedule of rates was published in the official newspaper on March 12th through March 18th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018. If approved by the Commission, these rates will become effective July 1, 2018, unless rejected by the Board of Supervisors, as provided in Charter section 8B.125.</p> |
| <p><b>Environmental Review:</b></p> | <p>The Bureau of Environmental Management concluded and on March 26, 2018 the Planning Department determined that the proposed rates setting action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges. The statutory exemption request and concurrence message are attached. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.</p>   |
| <p><b>Results of Inaction:</b></p>  | <p>A delay or denial in approving this agenda item will result in no Wastewater rate changes for retail customers as of July 1, 2018, and will adversely impact the SFPUC’s ability to meet projected revenue requirements for the Wastewater</p>   |

**Proposal to Adopt Wastewater Rates for FYE 2019 through FYE 2022**  
**Commission Meeting Date: April 10, 2018**

|                        |  |
|------------------------|--|
|                        | Enterprise.  |
|                        |  |
| <b>Recommendation:</b> | SFPUC staff recommends that the Commission adopt the attached resolution.  |
|                        |  |
| <b>Attachments:</b>    | <ol style="list-style-type: none"><li>1. Schedule of Retail Wastewater Rates</li><li>2. Statutory Exemption Request and Concurrence</li><li>3. Presentation</li><li>4. <a href="#"><u>2018 SFPUC Water and Wastewater Cost of Service Study</u></a></li><li>5. City Economist Study on Water Demand Elasticity</li><li>6. Prop 218 Notice to Customers</li><li>7. Notice of Public Hearing on Proposed Water and Wastewater Rates</li><li>8. Correspondence</li><li>9. Protest Letters</li></ol> |

**PUBLIC UTILITIES COMMISSION**

City and County of San Francisco

RESOLUTION NO.: 18 - 004

WHEREAS, In accordance with Section 8B.125 of the Charter of the City and County of San Francisco, the San Francisco Public Utilities Commission (SFPUC) has retained an independent rate consultant, Carollo Engineers, which prepared the report, 2018 SFPUC Water and Wastewater Cost of Service Study (“2018 Rate Study”), and has submitted the report’s findings to the Rate Fairness Board for its review; and

WHEREAS, The General Manager of the SFPUC and staff have reviewed the independent consultant’s 2018 Rate Study, and have prepared a staff proposal, which has been submitted to the Rate Fairness Board for its review and posted to the sfwater.org website; and

WHEREAS, The Rate Fairness Board has reviewed the findings and recommendations of the General Manager’s report and the independent consultant’s 2018 Rate Study, and has prepared its own report and presented that report to this Commission on April 10, 2018; and

WHEREAS, The General Manager finds that sewer service revenues under existing rates will be insufficient to meet revenue requirements of the Wastewater Enterprise as projected in the Wastewater Enterprise 10-Year Financial Plan, and, based on the analysis set forth in the 2018 Rate Study, recommend that wastewater rates be adjusted over the next four years to increase total revenue from wastewater rates by 7% annually in both fiscal years ending 2019 and 2020, by 8% in both fiscal years ending 2021 and 2022; and

WHEREAS, As required by Proposition 218, a notice of the proposed rate adjustments was sent to all ratepayers and property owners more than 45 days in advance of the Commission’s April 10, 2018 public hearing; and

WHEREAS, Pursuant to the published notice of the intention of the Public Utilities Commission to adopt revised Schedules of Wastewater Rates and Charges to be charged for retail sewer service in San Francisco, the Commission held a public hearing on April 10, 2018, and members of the public were given an opportunity to comment on the revised Schedules of Wastewater Rates and Charges; and

WHEREAS, At the April 10, 2018 public hearing, the Commission considered protests against the proposed rates, and written protests against the proposed rates were presented by less than a majority of parcel owners and direct water services customer tenants; and

WHEREAS, On March 26, 2018 the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges) ; now, therefore, be it

RESOLVED, That this Commission hereby determines that projected revenues under existing wastewater rates, together with other revenues of the Wastewater Enterprise, will be insufficient to meet the revenue requirements of the Wastewater Enterprise as projected in the Wastewater Enterprise 10-Year Financial Plan, and that overall adjustments of 7% to the wastewater rates applicable in fiscal years ending 2019 and 2020, and 8% in the wastewater rates applicable in fiscal years ending 2021 and 2022 are necessary and appropriate to meet revenue requirements for FYE 2019-2022; and be it

FURTHER RESOLVED, The Schedules of Wastewater Rates attached hereto and incorporated herein by reference shall apply to all retail Customers, as defined in the schedule, which discharge to San Francisco's Sewerage System, effective on or after July 1, 2018.

*I hereby certify that the foregoing was adopted by the Public Utilities Commission at its meeting of April 10, 2018.*

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Secretary, Public Utilities Commission

## **SCHEDULES OF WASTEWATER RATES**

**(Adopted April 10, 2018 by Commission Resolution No. 18-0054)**

### **Section 1 – Authority and General Purpose**

This Schedule is adopted pursuant to Section 8B.125 of the Charter of the City and County of San Francisco for the purpose of establishing an orderly system for the imposition and collection of charges for the operating, maintenance, replacement, debt service and other costs incurred by the San Francisco Wastewater Enterprise in collecting, treating and disposing of sewage, stormwater, industrial wastes and other wastes.

### **Section 2 – Definitions**

For the purpose of this Resolution, the following definitions shall apply unless the context specifically dictates otherwise.

**“City”**

The City and County of San Francisco

**“COD”**

Chemical Oxygen Demand (COD) is a quantitative measure of the amount of oxygen required for chemical oxidation of carbonaceous materials in wastewater using a strong chemical oxidant such as chromic acid ( $H_2Cr_2O_7$ ).

**“Commission”**

The San Francisco Public Utilities Commission

**“Customer”**

Any person, firm, corporation, partnership, trust, or any other entity including, but not limited to, local, state and federal governments utilizing the services of the City’s wastewater collection and treatment system.

**“Customer Charge”**

The charge applied to Customers to recover the operations, maintenance, debt service and replacement costs incurred by the City to collect, treat, and dispose of Sewage, Stormwater, Industrial Wastes, and Other Wastes of the Customer. The Customer Charge includes administrative costs of the Wastewater Enterprise, SFPUC, and other appropriate City functions.

**“Customer Class”**

Users with the same or similar usage characteristics are grouped into Customer Classes for purposes of cost allocation and rate setting.

“Discharge”

The Customer's metered water use multiplied by the Customer's applicable wastewater Flow Factor.

“Discharge Unit”

100 cubic feet of wastewater discharged to sewerage system. The quantity of wastewater shall be the amount metered, or, in the event quantity is not metered, shall be the metered water use multiplied by the wastewater Flow Factor.

“Domestic Wastes”

Water-carried human wastes from sanitary conveniences, including but not limited to toilets, sinks, bathtubs, and residential laundry facilities.

“Dwelling Unit”

As defined in San Francisco Planning Code Section 102.7, a room or suite of two or more rooms that is designed for, or is occupied by, one family doing its own cooking therein and having only one kitchen. For the purposes of this resolution, “Dwelling Unit” shall not include a lodging house, rooming house, motel or hotel, as defined in San Francisco Housing Code Section 410, or a live/work unit, as defined in Section 102.13 of the San Francisco Planning Code.

“Flow Factor”

The percentage of metered water use returned to sewers and the Sewerage System as wastewater. For purposes of determining applicable charges, the percentage of water use returned to sewers is assumed to be 90% for single family Residential Users, 95% for multifamily Residential users and 90% for all other users. The General Manager may establish modified percentages by estimation or based on an inspection of the Residential User's premises and water use. Residential Users may appeal their assigned Flow Factor pursuant to procedures set forth in applicable department regulations.

“General Manager”

The General Manager of the Public Utilities Commission or his or her designee

“Hydrocarbon Oil and Grease”

Hydrocarbon oil and grease (O/G) is the measurement of that fraction of recoverable oil and grease of petroleum origin using a test specified in 40 CFR Part 136.

“Industrial Wastes”

Any solid, liquid, or gaseous wastes including cooling water resulting from any industrial, commercial or manufacturing process or from the development, recovery, or processing of natural resources.

“Operations and Maintenance Costs”

Expenditures used for the collection, treatment and disposal of Sewage, Stormwater, Industrial Wastes and Other Wastes including, but not limited to, the costs of personnel, materials and supplies, energy and administration.

“Other Wastes”

All decayed wood, sawdust, shavings, bark, lime, refuse, ashes, garbage, offal, oil, tar, chemicals, and all other substances except Sewage, Stormwater and Industrial Wastes.

“Residential Wastewater User”

The owner or customer of record of any single-family or multiple-family Dwelling Unit.

“Sewage”

Water-carried human wastes or a combination of water-carried human or industrial wastes from residences, commercial buildings, institutions, and industrial establishments, together with such ground, surface, storm or other wastes that may be present.

“Sewage System” or “Sewerage System”

The City’s wastewater system including all properties (real, personal and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for collection, treatment and disposal of wastewater, including all future additions, extensions, replacements and improvements to the system.

“Standard Industrial Classification” or “SIC”

A coding system established by the United States government to classify businesses and industries. SIC codes are assigned based on common characteristics shared in the products, services, production and delivery system of a business.

“Stormwater”

Surface water originating from rainfall collected in the sewerage system.

“Total Suspended Solids”

The measurement of the amount of insoluble solids that either float on the surface of wastewater or are suspended in wastewater using a test specified in 40 CFR Part 136.

**Section 3 – Unlawful Discharge**

It shall be unlawful, except as herein provided, for any Customer to discharge Sewage, Stormwater, Industrial Wastes, or Other Wastes into the sewers or sewerage works of the City, unless such Customer shall pay the City its Customer Charge as hereinafter provided.



#### **Section 4 – Customer Classification**

##### **a. Class Determination**

Upon application for new service, each Customer shall be assigned to a Customer Class based on the City's evaluation of the Customer's waste discharge characteristics in accordance with the requirements of this resolution and applicable laws and regulations. Such Customer Class determination shall be based on the Customer's description of its current operation and use of the collection, treatment and disposal facilities of the City. Such description shall be subject to verification by the City.

##### **b. Change in Classification**

Customers requiring or requesting a change in their classification shall do so in writing within 30 days of a change in operations.

##### **c. Unmetered Service**

In circumstances where a Customer's discharge is not measured by metered water consumption, the General Manager is authorized to implement appropriate requirements and procedures for determining a Customer Charge consistent with the requirements of this resolution and applicable state and federal laws.

#### **Section 5 – Enterprise Funds**

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Wastewater Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

#### **Section 6 – Billing Rates for Wastewater Customer Charges**

The following schedules of customer charges to be paid by all dischargers to the City's Sewerage System are hereby adopted and imposed.

**SCHEDULE A.** This schedule shall apply to Single Family and Multi-Family Residential wastewater customers. The rates under this schedule are based upon the typical strengths for Domestic Wastes, as determined by the General Manager. All Residential wastewater users shall be charged on the basis of discharge units in accordance with the schedule of rates as follows:

| Schedule A. Residential                | Proposed |          |          |          |
|--|----------|----------|----------|----------|
|  | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| Monthly Service Charge                 | \$0.98   | \$2.19   | \$3.60   | \$5.21   |
| Volume per Discharge Unit <sup>1</sup> | \$13.06  | \$13.88  | \$14.89  | \$15.97  |

<sup>1</sup> Discharge Unit = 1 CCF of wastewater = 748 gallons

**SCHEDULE B.** Users other than Residential wastewater users charged under Schedule A of this Resolution (i.e. Non-Residential), shall be charged the cost for each parameter according to the following:

| Schedule B. Non-Residential              | Proposed |          |          |          |
|--|----------|----------|----------|----------|
|  | FYE 2019 | FYE 2020 | FYE 2021 | FYE 2022 |
| Volume per Discharge Unit <sup>1,2</sup> | \$7.84   | \$8.29   | \$8.86   | \$9.46   |
| PLUS                                     |          |          |          |          |
| Chemical Oxygen Demand (COD) per Pound   | \$0.519  | \$0.555  | \$0.599  | \$0.647  |
| PLUS                                     |          |          |          |          |
| Total Suspended Solids (TSS) per Pound   | \$1.320  | \$1.412  | \$1.525  | \$1.647  |
| PLUS                                     |          |          |          |          |
| Oil and Grease (O/G) per Pound           | \$1.331  | \$1.424  | \$1.538  | \$1.661  |

<sup>1</sup> Discharge Unit = 1 CCF of wastewater = 748 gallons

<sup>2</sup> Applicable to the volume of wastewater discharged in accordance with the rules and regulations of the Wastewater Enterprise

Those users whose parameter loadings are not based on periodic sampling shall be charged on the basis of standard parameter loadings established by the General Manager for each SIC code in accordance with applicable state and federal laws and regulations.

### Section 6 – Drought Surcharge

If the Commission, at a publicly noticed meeting, adopts a resolution declaring a stage of water delivery reduction in accordance with the Retail Water Shortage Allocation Plan (i.e., Stage 1, Stage 2 or Stage 3), the following schedule of drought surcharges shall be applied to retail water rates as of the date of the Commission resolution or any effective date designated by the Commission. For residential customers, the surcharges shall be based on the assumption that the overall demand reduction is split evenly between Tier 1 and Tier 2. Each nonresidential customer shall incur the percent drought surcharge uniformly. The overall required surcharge is based on

the final formula: surcharge (\$ per ccf) = Wastewater Revenue Shortfall from reduced flow/  
Reduced Wastewater Flow.

| <b>Retail Water Shortage Allocation Plan Stage</b> | <b>Target Usage Reduction</b> | <b>Drought Surcharge on Volumetric Water/WW Rates</b> |
|--|-------------------------------|---|
| <b>Stage 1</b>                                     | 5 - 10%                       | Up to 10%   |
| <b>Stage 2</b>                                     | 11 - 20%                      | Up to 20%   |
| <b>Stage 3</b>                                     | Over 20%                      | Up to 25%   |

The drought surcharges shall remain in effect until the Commission, at a publicly noticed meeting, adopts a resolution rescinding the water delivery reduction.

#### **Section 7 – Effective Date**

The rates for FYE 2019 adopted pursuant to Commission Resolution No. \_\_\_\_\_ shall be effective for water meter readings made on or after July 1, 2018 or as soon thereafter as possible. The rates for FYE 2020 adopted pursuant to the resolution shall be effective for water meter readings made on or after July 1, 2019. The rates for FYE 2021 adopted pursuant to the resolution shall be effective for water meter readings made on or after July 1, 2020. The rates for FYE 2022 adopted pursuant to the resolution shall be effective for water meter readings made on or after July 1, 2021, and shall remain in effect until repealed, modified or superseded.

**From:** [Kern, Chris \(CPC\)](#)  
**To:** [Revelli, Lindsay \(PUC\)](#)  
**Cc:** [Johnston, Timothy \(CPC\)](#); [Torrey, Irina \(PUC\)](#)  
**Subject:** RE: SFPUC CEQA Statutory Exemption Request - Wastewater Rates FYE 2019 thru FYE 2022  
**Date:** Monday, March 26, 2018 10:01:38 AM  
**Attachments:** [image001.png](#)

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Hi Lindsay, the Planning Department has determined that the Proposal to Adopt Retail Wastewater Rates for FYE 2019 through FYE 2022 is statutorily exempt from environmental review in accordance with CEQA section 21080(b)(8) and CEQA Guidelines section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

**Chris Kern, Principal Planner**  
**Environmental Planning Division**  
San Francisco Planning Department  
1650 Mission Street, Suite 400, San Francisco, CA 94103  
**Direct:** 415-575-9037 | [www.sfplanning.org](http://www.sfplanning.org)  
[San Francisco Property Information Map](#)

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**From:** Revelli, Lindsay [mailto:LRevelli@sfgwater.org]  
**Sent:** Friday, March 23, 2018 11:36 AM  
**To:** Kern, Chris (CPC)  
**Cc:** Johnston, Timothy (CPC); Bordon, Rhia (CPC)  
**Subject:** SFPUC CEQA Statutory Exemption Request - Wastewater Rates FYE 2019 thru FYE 2022

Hi Chris – Please find attached for your review the Statutory Exemption Request for the Proposal to Adopt Retail Wastewater Rates for FYE 2019 through FYE 2022.

Please feel free to contact me with any questions you may have.

Thanks very much,

Lindsay

Lindsay Lane Revelli  
Environmental Project Manager  
San Francisco Public Utilities Commission  
Bureau of Environmental Management  
525 Golden Gate Avenue, 6th Floor, San Francisco, CA 94102  
D 415-554-1823 F 415-934-5750





**San Francisco**  
**Water Power Sewer**  
 Services of the San Francisco Public Utilities Commission

Bureau of Environmental Management  
 525 Golden Gate Avenue, 6th Floor  
 San Francisco, CA 94102  
 T 415.934.5700  
 F 415.934.5750  
 TTY 415.554.3488

March 22, 2018

Mr. Chris Kern, Senior Environmental Planner  
 Environmental Planning Division  
 San Francisco Planning Department  
 1650 Mission Street, Suite 400  
 San Francisco, CA 94103

RE: CEQA Statutory Exemption Request  
 Proposal to Adopt Retail Wastewater Rates  
 FYE 2019 through FYE 2022

Dear Chris:

The San Francisco Public Utilities Commission (SFPUC) proposes adoption of wastewater rates for retail wastewater service in San Francisco and suburban areas during the Fiscal Year Ending 2019 through Fiscal Year Ending 2022 to become effective July 1, 2018, July 1, 2019, July 1, 2020, and July 1, 2021. The SFPUC Bureau of Environmental Management requests Environmental Planning (EP) concurrence that the proposed adoption of rates is statutorily exempt under the California Environmental Quality Act (CEQA).

The SFPUC recommends the proposed adoption of rates by the Commission is statutorily exempt from CEQA under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

As required by the City & County of San Francisco Charter, the SFPUC retains an independent rate consultant at least every five years to evaluate the cost of service of the retail water and sewer systems, and to recommend appropriate rate structures. This rate study is an engineering and financial exercise that provides an administrative record to satisfy the legal requirements of California's Proposition 218 and the City Charter. The rate study ultimately provides the basis and rationale for proposed water and wastewater rates supported by a cost of service analysis.

**Mark Farrell**  
 Mayor

**Ike Kwon**  
 President

**Vince Courtney**  
 Vice President

**Ann Moller Caen**  
 Commissioner

**Francesca Viotor**  
 Commissioner

**Anson Moran**  
 Commissioner

**Harlan L. Kelly, Jr.**  
 General Manager

**OUR MISSION:** To provide our customers with high-quality, efficient and reliable water, power and sewer services in a manner that values environmental and community interests and sustains the resources entrusted to our care.



Additionally, the updated Ratepayer Assurance Policy adopted by the Commission on the September 12, 2017, set the following principles to guide the development of rates and charges:

- Revenue Sufficiency
- Customer Equity
- Environmental Sustainability
- Affordability
- Predictability
- Simplicity

This wastewater rates proposal was developed based on these principles, and the rate design policy decisions reference the tradeoffs inherent in the rate-setting process, as required by the Ratepayer Assurance Policy. The proposed wastewater service rates have been reviewed by the Rate Fairness Board and have benefitted from extensive public outreach.

SFPUC staff has determined rate increases are necessary to maintain revenue sufficiency and to meet operational goals. Over the next four years, FYE 2019 through FYE 2022, staff proposes to raise rates such that the average single family wastewater bill increases by 8.3% annually. Additionally, staff proposes the following rate design changes:

1. Creation of a fixed monthly service charge which is phased over a four year period
2. Implementation of a temporary drought surcharge. A temporary surcharge would only be implemented if the Commission were to declare a drought and implement the Water Shortage Allocation Plan and would only recover the cost of service.

The last water and wastewater rate study was completed in 2014 and supported rates for the four-year period beginning FY 2014-15 through FY 2017-18. While the past few years focused on the Water System Improvement Program (WSIP) progress, the next four years supports the completion of WSIP, as well as the beginning of major portions of the Sewer System Improvement Program (SSIP) and continued water and sewer main replacement.

Mr. Chris Kern, Senior Environmental Planner  
Environmental Planning Division, San Francisco Planning Department  
CEQA Statutory Exemption Request  
Proposal to Adopt Retail Wastewater Rates FYE 2019 through FYE 2022  
March 22, 2018  
Page 3

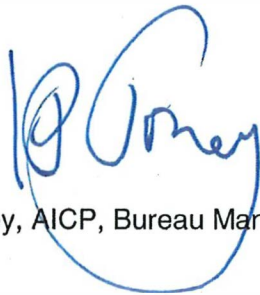
Pursuant to Charter Section 16.112, a Notice of Public Hearing on the establishment of a schedule of rates was published in the official newspaper on March 12th through March 18th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018, with possible Commission action on this date. If approved by the Commission, these rates and charges will be subject to rejection by the Board of Supervisors (BOS), as provided in Charter section 8B.125, within 30 days following notification to the BOS. If approved, these proposed retail wastewater rates will become effective July 1, 2018 and will remain effective until revised.

**CEQA COMPLIANCE/RECOMMENDATION**

The SFPUC recommends the proposed adoption of wastewater rates for FYE 2019 through FYE 2022 is statutorily exempt from environmental review under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges), Subsection (a)(1) which provides a statutory exemption from CEQA for the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies for the purposes of meeting operating expenses, including employee wage rates and fringe benefits.

Thank you for your concurrence with this request.

Sincerely,



Irina P. Torrey, AICP, Bureau Manager

Cc: Charles Perl, SFPUC Deputy Chief Financial Officer  
Timothy Johnston, MP, Environmental Planner, Environmental Planning  
Division, San Francisco Planning Department  
Lindsay Revelli, Environmental Project Manager, SFPUC Bureau of  
Environmental Management

**PUBLIC UTILITIES COMMISSION**  
City and County of San Francisco

RESOLUTION NO.: 18-0055

WHEREAS, In accordance with Section 8B.125 of the Charter of the City and County of San Francisco, the San Francisco Public Utilities Commission retained an independent rate consultant, Carollo Engineers, which prepared the 2018 SFPUC Water and Wastewater Cost of Service Study; and

WHEREAS, The General Manager of the SFPUC and staff have reviewed the independent rate report, which has been submitted to the Rate Fairness Board for its review and posted to the sfwater.org website; and

WHEREAS, The Rate Fairness Board has reviewed the findings and recommendations of the General Manager's report and the independent consultant report and has prepared its own report and presented that report to this Commission on April 10, 2018; and

WHEREAS, The General Manager and the Rate Fairness Board find that, as of July 1, 2018, the existing water and wastewater capacity charges will be insufficient to recover a fair and proportional share of the cost to provide capacity, and recommend that the water capacity charge be adjusted to increase 35% per meter equivalent for the fiscal year beginning July 1, 2018, and that the wastewater capacity charge be adjusted to increase 4% per meter equivalent for the fiscal year beginning July 1, 2018; and

WHEREAS, Pursuant to the published notice of the intention of the SFPUC to adopt revised water and wastewater capacity charges, a public hearing was held on April 10, 2018, and members of the public were given an opportunity to express their views on the revised water and wastewater capacity charges; and

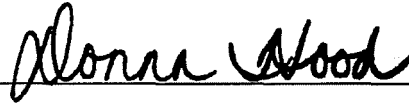
WHEREAS, On March 26, 2018, the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges); now therefore; be it

RESOLVED, That this Commission hereby determines that water and wastewater capacity charges under existing schedules will be insufficient to recover a fair and proportional share of the cost to provide capacity beginning July 1, 2018, and therefore approves increasing the water capacity charge by 35% per meter equivalent for the fiscal year beginning July 1, 2018, and increasing the wastewater capacity charge by 4% per meter equivalent for the fiscal year beginning July 1, 2018; and be it



FURTHER RESOLVED, The Commission hereby approves the capacity charges schedules and requirements set forth in the attached Schedule of Water and Wastewater Capacity Charges, which is incorporated herein by reference.

*I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of April 10, 2018.*

A handwritten signature in black ink, appearing to read "Alonna Wood", is written over a horizontal line.

*Secretary, Public Utilities Commission*

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**SCHEDULE OF WATER AND WASTEWATER CAPACITY CHARGES**

**EFFECTIVE JULY 1, 2018**

**(adopted April 10, 2018, pursuant to Commission Resolution No.: 18-0055)**

**Section 1 – Definitions**

For the purpose of this Resolution, the following definitions shall apply unless the context specifically dictates otherwise.

“City” The City and County of San Francisco

“Commission” The San Francisco Public Utilities Commission

“Customer” Any person, firm, corporation, partnership, trust, or any other entity including, but not limited to, local, state and federal governments utilizing the services of the City’s utility systems.

“Equivalent Meter” A measure of the capacity of a meter expressed as a ratio to the capacity of a 5/8 X 3/4 meter.

“General Manager” The General Manager of the Public Utilities Commission or his or her designee.

“Sewage System” or “Sewerage System” The City’s wastewater system including all properties (real, personal and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for collection, treatment and disposal of wastewater, including all future additions, extensions, replacements and improvements to the system.

“Standard Industrial Classification” or “SIC” A coding system established by the United States government to classify businesses and industries. SIC codes are assigned based on common characteristics shared in the products, services, production and delivery system of a business.

“Water System”

The City’s water system including all real properties (real, personal, and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for the gathering, impounding, treatment, transmission and distribution of water, including all future additions, extensions, replacements and improvements to the system.

**Section 2 – Enterprise Funds**

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Water Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Wastewater Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

**Section 3 – Water Capacity Charge**

- A. Any Customer requesting a new connection to the water distribution system, or requiring additional capacity as a result of any addition, improvement, modification or change in use of an existing connection to the water distribution system shall pay a capacity charge. The capacity charge may not be sold, traded or conveyed in a manner to another site or customer. The capacity charge does not convey or imply ownership in or of any facilities of the Water System. Customers subject to payment of water capacity charges after July 1, 2018, shall pay the charges in accordance with the following table:

**Table 1. Water Capacity Charges for FYE 2019**

| Meter Size | Capacity Charge |
|------------|-----------------|
| 5/8 in     | \$1,821         |
| 3/4 in     | \$2,732         |
| 1 in       | \$4,553         |
| 1-1/2 in   | \$9,105         |
| 2 in       | \$14,569        |
| 3 in       | \$29,137        |
| 4 in       | \$45,527        |
| 6 in       | \$91,055        |
| 8 in       | \$145,687       |
| 10 in      | \$227,636       |
| 12 in      | \$391,534       |
| 16 in      | \$682,909       |

- B. The capacity charge shall be adjusted on July 1st of each subsequent year by the annual change in the 20 City Average Construction Cost Index (CCI) published by ENR Magazine.
- C. Customers subject to payment of the water capacity charge shall receive a prior use credit equal to the equivalent charge for the prior usage without regard to any time limit for such credit.

- D. Customers subject to payment of the water capacity charge shall pay 100% of the charge prior to issuance of the applicable building permit. Any plan changes will result in a revised capacity charge payment.
- E. Assessment of the applicable capacity charge will be based on the date that the General Manager receives the final permit application and building plans.
- F. If full payment of all fees and charges is not received in accordance with the General Manager's payment requirements, the new or additional water services will not be authorized.

**Section 4 – Wastewater Capacity Charge**

- A. Any Customer requesting a new connection to the Sewerage System, or requiring additional collection or treatment capacity as a result of any addition, improvement, modification or change in use of an existing connection to the Sewerage System shall pay a capacity charge. The capacity charge may not be sold, traded or conveyed in a manner to another site or customer. The capacity charge does not convey or imply ownership in or of any facilities of the Wastewater System. Customers subject to payment of wastewater capacity charges after July 1, 2014, shall pay the charges in accordance with the following tables:

**Table 2a. FYE 2019 Wastewater Capacity Charges, SIC Groups 2-6**

| <b>Meter Size</b> | <b>SIC Group 2</b> | <b>SIC Group 3</b> | <b>SIC Group 4</b> | <b>SIC Group 5</b> | <b>SIC Group 6</b> |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 5/8 in            | \$3,902            | \$4,580            | \$4,780            | \$4,716            | \$4,515            |
| 3/4 in            | \$5,854            | \$6,870            | \$7,170            | \$7,074            | \$6,772            |
| 1 in              | \$9,756            | \$11,449           | \$11,951           | \$11,790           | \$11,287           |
| 1-1/2 in          | \$19,512           | \$22,899           | \$23,901           | \$23,580           | \$22,573           |
| 2 in              | \$31,219           | \$36,638           | \$38,242           | \$37,728           | \$36,118           |
| 3 in              | \$62,439           | \$73,275           | \$76,484           | \$75,456           | \$72,235           |
| 4 in              | \$97,561           | \$114,493          | \$119,506          | \$117,900          | \$112,867          |
| 6 in              | \$195,122          | \$228,986          | \$239,012          | \$235,800          | \$225,735          |
| 8 in              | \$312,195          | \$366,377          | \$382,418          | \$377,281          | \$361,176          |
| 10 in             | \$487,805          | \$572,464          | \$597,529          | \$589,501          | \$564,337          |
| 12 in             | \$839,024          | \$984,638          | \$1,027,749        | \$1,013,941        | \$970,659          |
| 16 in             | \$1,463,414        | \$1,717,393        | \$1,792,586        | \$1,768,503        | \$1,693,011        |

**Table 2b. FYE 2019 Wastewater Capacity Charges, SIC Groups 7-11**

| Meter Size | SIC Group 7 | SIC Group 8 | SIC Group 9 | SIC Group 10 | SIC Group 11 |
|------------|-------------|-------------|-------------|--------------|--------------|
| 5/8 in     | \$5,350     | \$5,544     | \$5,750     | \$6,177      | \$11,511     |
| 3/4 in     | \$8,024     | \$8,315     | \$8,625     | \$9,266      | \$17,266     |
| 1 in       | \$13,374    | \$13,859    | \$14,375    | \$15,444     | \$28,776     |
| 1-1/2 in   | \$26,748    | \$27,718    | \$28,750    | \$30,887     | \$57,553     |
| 2 in       | \$42,797    | \$44,348    | \$46,000    | \$49,420     | \$92,084     |
| 3 in       | \$85,593    | \$88,696    | \$92,000    | \$98,839     | \$184,168    |
| 4 in       | \$133,739   | \$138,588   | \$143,750   | \$154,436    | \$287,763    |
| 6 in       | \$267,479   | \$277,175   | \$287,499   | \$308,873    | \$575,526    |
| 8 in       | \$427,966   | \$443,481   | \$459,999   | \$494,196    | \$920,841    |
| 10 in      | \$668,697   | \$692,938   | \$718,748   | \$772,182    | \$1,438,815  |
| 12 in      | \$1,150,159 | \$1,191,854 | \$1,236,246 | \$1,328,153  | \$2,474,761  |
| 16 in      | \$2,006,092 | \$2,078,815 | \$2,156,243 | \$2,316,546  | \$4,316,444  |

- B. The capacity charge shall be adjusted on July 1st of each subsequent year by the annual change in the 20 City Average Construction Cost Index (CCI) published by ENR Magazine.
- C. Customers subject to payment of the wastewater capacity charge shall receive a prior use credit equal to the equivalent charge for the prior usage without regard to any time limit for such credit.
- D. Customers subject to payment of the wastewater capacity charge shall pay 100% of the charge prior to issuance of the applicable building permit. Any plan changes will result in a revised capacity charge payment.
- E. Assessment of the applicable capacity charge will be based on the date that the General Manager receives the final permit application and building plans.
- F. If full payment of all fees and charges is not received in accordance with the General Manager's payment requirements, the new or additional wastewater services will not be authorized.

**Section 5 – Effective Date**

The capacity charges set forth herein and adopted pursuant to Commission Resolution No. \_\_\_\_\_ shall be effective for permit applications and building plans received by the General Manager on and after July 1, 2018. Thereafter, in accordance with Sections 3B and 4B of this resolution, the adjusted capacity charge for each subsequent year shall be effective for permit applications and building plans received by the General Manager on and after July 1st of that subsequent year.



Services of the San Francisco Public Utilities Commission

# AGENDA ITEM

## Public Utilities Commission

City and County of San Francisco



DEPARTMENT Financial Services

AGENDA NO. \_\_\_\_\_

13

MEETING DATE April 10, 2018

**Public Hearing: Proposal to Adopt Revised Water and Wastewater Capacity Charges**

**Project Manager:** Charles Perl

|   |  |
|---|--|
| <b>Summary of Proposed Commission Action:</b> | Public Hearing to consider and adopt <b>revisions to water and wastewater capacity charges</b> for new service, increased service, or a change in service provided by the San Francisco Public Utilities Commission, to take effect on or after July 1, 2018. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.   |
| <b>Background:</b>                            | <p>The San Francisco Public Utilities Commission (SFPUC) first adopted a Wastewater Capacity Charge in July 2005 and a Water Capacity Charge in 2007. The Commission last revised the Capacity Charges in 2014.</p> <p>Capacity charges are imposed on any customer requesting a new connection to the water distribution and sewer systems, or requiring additional capacity as a result of any addition, improvement, modification or change in use of an existing connection to the systems. Capacity charges are designed to recover from those property owners their fair and proportional share of the cost of building the existing system capacity. These charges are called “buy-in” charges because the property owner is paying to buy-in to the existing system capacity.</p> <p>SFPUC staff has reviewed the 2018 SFPUC Water and Wastewater Cost of Service Study, which was prepared by independent consultant Carollo Engineers and includes an analysis of the current capacity charges of the Water and Wastewater Enterprises. Copies of the independent consultant study have been provided to the Commission and the Rate Fairness Board and made available to the public on <a href="http://sfwater.org/rates">sfwater.org/rates</a>. Below is a summary of the methodology used in the study and the study’s recommended increases in charges.</p> <p><b>Capacity Charge Calculation Overview</b></p> <p>As set forth in the Cost of Service Study, capacity charges are calculated by dividing existing “ratepayer equity” by the total “available capacity” of the water or wastewater system. “Ratepayer equity” is the value of the existing system, including both net capital assets and fund balance. “Available capacity” is the system’s total capacity, expressed in Meter Equivalents (MEs). Figure 1 below shows the formula used to calculate these charges.</p> |

**APPROVAL:** \_\_\_\_\_

COMMISSION SECRETARY

Donna Hood

**Figure 1. Calculation of Capacity Charges, Buy-In Methodology**

$$\frac{(Retail\ Asset\ Value_{2017\ Dollars} - Depreciation_{2017\ Dollars}) - Outstanding\ Debt + Cash\ Reserves}{(System\ Capacity - System\ Loss)/Capacity\ per\ Meter\ Equivalent}$$

**Calculating “Ratepayer Equity”**

Using the approach established in 2005 when the SFPUC first adopted capacity charges, capital asset values from the fixed assets system were determined first by escalating original costs to current dollars using the Engineering News Record Construction Cost Index, an industry-standard construction cost index. Total capital asset value also includes construction work-in-progress less depreciation, less outstanding debt principal and any grant funding. For the Water Enterprise, Hetchy Water assets were also included, and all regional (i.e., wholesale customer) assets were reduced to 1/3 of the total value to include only the approximate retail customer (i.e., San Francisco customer) usage of the regional portions of the system.

In addition to assets, ratepayer equity includes cash reserves both with the city and held by the fiscal agent (as is the case with capitalized interest and debt service reserve funds associated with revenue bonds). For the Water Enterprise, cash reserves associated with the regional system (such as regional bond proceeds) were reduced to 1/3 of the total to include only the retail customer share of reserves.

**Calculating System Capacity**

**Water System Capacity:** System capacity is the total capacity within the wastewater or water system available to serve system users. The 2013 Water Availability Study for the City and County of San Francisco (attached hereto), determined that the SFPUC’s water system currently has sufficient supply to serve existing retail users (and new service or changes in usage requests) until 2035. A hydraulic analysis of the SFPUC in-City and suburban retail water system in 2007 found the maximum Water system capacity to be 127 million gallons per day, equivalent to 635,000 Meter Equivalents (MEs). Since 2007, in-city capital improvement projects have focused on system delivery reliability rather than system capacity expansion. As a result, the system hydraulic capacity of 635,000 MEs continues to be an appropriate assumption.

**Wastewater System Capacity:** SFPUC wastewater treatment facilities have a total average dry weather flow (ADWF) capacity of 106.4 mgd. This capacity serves both customer discharges, as well as groundwater infiltration. After accounting for groundwater infiltration, the treatment capacity available to serve wastewater customers is 93.5 mgd. Assuming 200 gallons-per-day demand per 5/8” meter equivalent (ME), 93.2 mgd translates to 468,000 MEs.

The proposed increases to the capacity charges set forth in the independent 2018 SFPUC Water and Wastewater Cost of Service Study, are shown in the below table. Compared to the current FYE 2018 capacity charges, the proposed capacity charge for water is increasing 35% and the proposed wastewater

capacity charge is increasing 4%.

**Table 1. Capacity Charges Calculation**

| Description                            | Water System    | Wastewater System |
|--|-----------------|-------------------|
| Ratepayer Equity                       | \$1,156,390,852 | \$2,237,148,517   |
| Number of Meter Equivalents (ME)       | 635,000         | 468,000           |
| <b>FYE 2019 Capacity Charge per ME</b> | <b>\$1,821</b>  | <b>\$4,780</b>    |
| FYE 2018 Capacity Charge per ME        | \$1,346         | \$4,583           |
| Capacity Charge Increase (%)           | 35%             | 4%                |

**Water Capacity Charge**

Water Capacity Charges are assessed based on meter size. Charges for larger meter sizes are scaled up based on the same capacity factors used to scale up water service charges.

**Table 2. Proposed Water Capacity Charges by Meter Size**

| Meter Size | Proposed FYE 2019 Capacity Charge |
|------------|-----------------------------------|
| 5/8 in     | \$1,821                           |
| 3/4 in     | \$2,732                           |
| 1 in       | \$4,553                           |
| 1-1/2 in   | \$9,105                           |
| 2 in       | \$14,569                          |
| 3 in       | \$29,137                          |
| 4 in       | \$45,527                          |
| 6 in       | \$91,055                          |
| 8 in       | \$145,687                         |
| 10 in      | \$227,636                         |
| 12 in      | \$391,534                         |
| 16 in      | \$682,909                         |

The primary reason for the increase in the water capacity charge is the large growth in ratepayer equity without any increase in the retail system capacity. This is mainly due to the significant number of new assets being capitalized through completion of regular repair and replacement projects and large scale Water System Improvement Program projects.

Retail ratepayers have made significant contributions to improve the water system over the past few years; therefore, it is appropriate that new development and expanded uses projects provide increased payments to buy-in to the SFPUC system. The independent rate study's survey of Bay Area water agencies demonstrates that the SFPUC's water capacity charges are the lowest in the Bay Area, even after this proposed increase. For these reasons, staff recommends an immediate adjustment to the capacity charges, with no phase-in



period.

**Wastewater Capacity Charges**

Wastewater capacity charges vary based on anticipated sewer volumes and the strength of the customer’s sewage, as measured by the SFPUC’s three sewer strength rate components: Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), and Oil & Grease (O/G). As a result, the total ratepayer equity calculated above must be divided between flow and the three strength components. Assets and equity were allocated to the functional components using the functional allocations outlined in the independent 2018 SFPUC Water and Wastewater Cost of Service Study. The functional components of the Wastewater Capacity Charge are shown below:

**Table 3. Allocation of Wastewater Capacity Charge to Cost Components**

| Ratepayer Equity Component              | Total              | Functional Cost Component |              |              |              |
|---|--------------------|---------------------------|--------------|--------------|--------------|
|   |                    | Flow                      | COD          | TSS          | FOG          |
| Allocation of Ratepayer Equity          | <b>100.0%</b>      | 74.5%                     | 9.7%         | 4.4%         | 11.4%        |
| Total Ratepayer Equity                  | <b>\$2,237,149</b> | \$1,667,168               | \$217,718    | \$98,200     | \$254,062    |
| Number of MEs                           | <b>468,000</b>     | 468,000                   | 468,000      | 468,000      | 468,000      |
| <b>Capacity Charge Component per ME</b> | <b>\$4,780</b>     | <b>\$3,562</b>            | <b>\$465</b> | <b>\$210</b> | <b>\$543</b> |

Water meter size is used to assess the expected sewer flow, while strengths are estimated based on a customer’s Standard Industrial Classification (SIC) code. The SIC is a system used by government agencies to classify industry types with a four digit code. As with the non-residential wastewater charges, customers are grouped into one of ten SIC groups, which represent business types with similar loadings. The above functionalized wastewater capacity charge was allocated to the ten SIC groups and adjusted for each meter size; the results are shown in the two tables below.

**Table 4a. Proposed Wastewater Capacity Charges by Meter Size, SIC Groups 2-6**

| Meter Size | SIC Group 2 | SIC Group 3 | SIC Group 4 | SIC Group 5 | SIC Group 6 |
|------------|-------------|-------------|-------------|-------------|-------------|
| 5/8 in     | \$3,902     | \$4,580     | \$4,780     | \$4,716     | \$4,515     |
| 3/4 in     | \$5,854     | \$6,870     | \$7,170     | \$7,074     | \$6,772     |
| 1 in       | \$9,756     | \$11,449    | \$11,951    | \$11,790    | \$11,287    |
| 1-1/2 in   | \$19,512    | \$22,899    | \$23,901    | \$23,580    | \$22,573    |
| 2 in       | \$31,219    | \$36,638    | \$38,242    | \$37,728    | \$36,118    |
| 3 in       | \$62,439    | \$73,275    | \$76,484    | \$75,456    | \$72,235    |
| 4 in       | \$97,561    | \$114,493   | \$119,506   | \$117,900   | \$112,867   |
| 6 in       | \$195,122   | \$228,986   | \$239,012   | \$235,800   | \$225,735   |
| 8 in       | \$312,195   | \$366,377   | \$382,418   | \$377,281   | \$361,176   |
| 10 in      | \$487,805   | \$572,464   | \$597,529   | \$589,501   | \$564,337   |
| 12 in      | \$839,024   | \$984,638   | \$1,027,749 | \$1,013,941 | \$970,659   |
| 16 in      | \$1,463,414 | \$1,717,393 | \$1,792,586 | \$1,768,503 | \$1,693,011 |

**Table 4b. Proposed Wastewater Capacity Charges by Meter Size, SIC Groups 7-11**

| Meter Size | SIC Group 7 | SIC Group 8 | SIC Group 9 | SIC Group 10 | SIC Group 11 |
|------------|-------------|-------------|-------------|--------------|--------------|
| 5/8 in     | \$5,350     | \$5,544     | \$5,750     | \$6,177      | \$11,511     |
| 3/4 in     | \$8,024     | \$8,315     | \$8,625     | \$9,266      | \$17,266     |
| 1 in       | \$13,374    | \$13,859    | \$14,375    | \$15,444     | \$28,776     |
| 1-1/2 in   | \$26,748    | \$27,718    | \$28,750    | \$30,887     | \$57,553     |
| 2 in       | \$42,797    | \$44,348    | \$46,000    | \$49,420     | \$92,084     |
| 3 in       | \$85,593    | \$88,696    | \$92,000    | \$98,839     | \$184,168    |
| 4 in       | \$133,739   | \$138,588   | \$143,750   | \$154,436    | \$287,763    |
| 6 in       | \$267,479   | \$277,175   | \$287,499   | \$308,873    | \$575,526    |
| 8 in       | \$427,966   | \$443,481   | \$459,999   | \$494,196    | \$920,841    |
| 10 in      | \$668,697   | \$692,938   | \$718,748   | \$772,182    | \$1,438,815  |
| 12 in      | \$1,150,159 | \$1,191,854 | \$1,236,246 | \$1,328,153  | \$2,474,761  |
| 16 in      | \$2,006,092 | \$2,078,815 | \$2,156,243 | \$2,316,546  | \$4,316,444  |

Customers who are increasing their meter capacity or replacing a meter will receive a credit equal to the equivalent charge for the prior usage, without regard to any time limit for such credit.

Staff proposes that capacity charges be adjusted, effective July 1 of each fiscal year, based on the annual change in the 20 City Average Construction Cost Index (CCI) published by ENR Magazine. Utilizing a cost index will permit the capacity charge to be updated to reflect the current value of customers' equity

**Title:** Proposal to Adopt Retail Water and Wastewater Capacity Charges  
**Commission Meeting Date:** April 10, 2018

|                              |   |
|------------------------------|---|
|                              | <p>without the need to make a determination of customer equity each year. SFPUC staff further proposes that capacity charges be reviewed at least every five years as part of the Charter-required independent Water and Wastewater rate study.</p> <p><b>Public Noticing</b><br/> Pursuant to Charter Section 16.112, a Notice of Public Hearing on the proposed capacity charges was published in the official newspaper on March 12th through March 18th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018, with possible Commission action on this date.</p>   |
|                              |   |
| <b>Environmental Review:</b> | <p>The Bureau of Environmental Management concluded that the proposed action to adopt revised water and wastewater capacity charges for FYE 2019 is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges. On March 26, 2018, the Planning Department concurred. The statutory exemption request and Planning concurrence message are attached. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.</p> |
|                              |   |
| <b>Results of Inaction:</b>  | <p>A delay or denial in approving this agenda item will result in no changes to Water and Wastewater capacity charges. A delay or denial will adversely impact the SFPUC's ability to meet projected revenue requirements for both the Water and Wastewater Enterprises.</p>  |
|                              |   |
| <b>Recommendation:</b>       | <p>SFPUC staff recommends that the Commission adopt the attached resolution.</p>  |
|                              |   |
| <b>Attachments:</b>          | <ol style="list-style-type: none"> <li>1. Schedule of Water and Wastewater Capacity Charges</li> <li>2. Statutory Exemption Determination</li> <li>3. Presentation</li> <li>4. <a href="#">2018 SFPUC Water and Wastewater Cost of Service Study</a></li> <li>5. 2013 Water Availability Study for the City and County of San Francisco</li> </ol>  |

**PUBLIC UTILITIES COMMISSION**  
City and County of San Francisco

RESOLUTION NO.: 18-0055

WHEREAS, In accordance with Section 8B.125 of the Charter of the City and County of San Francisco, the San Francisco Public Utilities Commission retained an independent rate consultant, Carollo Engineers, which prepared the 2018 SFPUC Water and Wastewater Cost of Service Study; and

WHEREAS, The General Manager of the SFPUC and staff have reviewed the independent rate report, which has been submitted to the Rate Fairness Board for its review and posted to the sfwater.org website; and

WHEREAS, The Rate Fairness Board has reviewed the findings and recommendations of the General Manager's report and the independent consultant report and has prepared its own report and presented that report to this Commission on April 10, 2018; and

WHEREAS, The General Manager and the Rate Fairness Board find that, as of July 1, 2018, the existing water and wastewater capacity charges will be insufficient to recover a fair and proportional share of the cost to provide capacity, and recommend that the water capacity charge be adjusted to increase 35% per meter equivalent for the fiscal year beginning July 1, 2018, and that the wastewater capacity charge be adjusted to increase 4% per meter equivalent for the fiscal year beginning July 1, 2018; and

WHEREAS, Pursuant to the published notice of the intention of the SFPUC to adopt revised water and wastewater capacity charges, a public hearing was held on April 10, 2018, and members of the public were given an opportunity to express their views on the revised water and wastewater capacity charges; and

WHEREAS, On March 26, 2018, the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) Guidelines under Section 21080(b)(8) and Section 15273 (Rates, Tolls, Fares, and Charges); now therefore; be it

RESOLVED, That this Commission hereby determines that water and wastewater capacity charges under existing schedules will be insufficient to recover a fair and proportional share of the cost to provide capacity beginning July 1, 2018, and therefore approves increasing the water capacity charge by 35% per meter equivalent for the fiscal year beginning July 1, 2018, and increasing the wastewater capacity charge by 4% per meter equivalent for the fiscal year beginning July 1, 2018; and be it

FURTHER RESOLVED, The Commission hereby approves the capacity charges schedules and requirements set forth in the attached Schedule of Water and Wastewater Capacity Charges, which is incorporated herein by reference.

## **SCHEDULE OF WATER AND WASTEWATER CAPACITY CHARGES**

**EFFECTIVE JULY 1, 2018**

**(adopted April 10, 2018, pursuant to Commission Resolution No.: 18-0055)**

### **Section 1 – Definitions**

For the purpose of this Resolution, the following definitions shall apply unless the context specifically dictates otherwise.

“City” The City and County of San Francisco

“Commission” The San Francisco Public Utilities Commission

“Customer” Any person, firm, corporation, partnership, trust, or any other entity including, but not limited to, local, state and federal governments utilizing the services of the City’s utility systems.

“Equivalent Meter” A measure of the capacity of a meter expressed as a ratio to the capacity of a 5/8 X 3/4 meter.

“General Manager” The General Manager of the Public Utilities Commission or his or her designee.

“Sewage System” or “Sewerage System” The City’s wastewater system including all properties (real, personal and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for collection, treatment and disposal of wastewater, including all future additions, extensions, replacements and improvements to the system.

“Standard Industrial Classification” or “SIC” A coding system established by the United States government to classify businesses and industries. SIC codes are assigned based on common characteristics shared in the products, services, production and delivery system of a business.

“Water System”

The City’s water system including all real properties (real, personal, and tangible or intangible) owned, operated, maintained by and under the jurisdiction of the Commission used for the gathering, impounding, treatment, transmission and distribution of water, including all future additions, extensions, replacements and improvements to the system.

### **Section 2 – Enterprise Funds**

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Water Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

Pursuant to Article V, Section 5.01 of the Indenture between the San Francisco Public Utilities Commission and U.S. Bank, NA, as trustee, all revenues of the Wastewater Enterprise shall be set aside and deposited into a fund in the City treasury (the Revenue Fund). All amounts paid into the Revenue Fund shall be maintained separate and apart from other City funds. Moneys in the Revenue Fund shall be appropriated and expended in accordance with the Indenture.

**Section 3 – Water Capacity Charge**

- A. Any Customer requesting a new connection to the water distribution system, or requiring additional capacity as a result of any addition, improvement, modification or change in use of an existing connection to the water distribution system shall pay a capacity charge. The capacity charge may not be sold, traded or conveyed in a manner to another site or customer. The capacity charge does not convey or imply ownership in or of any facilities of the Water System. Customers subject to payment of water capacity charges after July 1, 2018, shall pay the charges in accordance with the following table:

**Table 1. Water Capacity Charges for FYE 2019**

| Meter Size | Capacity Charge |
|------------|-----------------|
| 5/8 in     | \$1,821         |
| 3/4 in     | \$2,732         |
| 1 in       | \$4,553         |
| 1- 1/2 in  | \$9,105         |
| 2 in       | \$14,569        |
| 3 in       | \$29,137        |
| 4 in       | \$45,527        |
| 6 in       | \$91,055        |
| 8 in       | \$145,687       |
| 10 in      | \$227,636       |
| 12 in      | \$391,534       |
| 16 in      | \$682,909       |

- B. The capacity charge shall be adjusted on July 1st of each subsequent year by the annual change in the 20 City Average Construction Cost Index (CCI) published by ENR Magazine.
- C. Customers subject to payment of the water capacity charge shall receive a prior use credit equal to the equivalent charge for the prior usage without regard to any time limit for such credit.

- D. Customers subject to payment of the water capacity charge shall pay 100% of the charge prior to issuance of the applicable building permit. Any plan changes will result in a revised capacity charge payment.
- E. Assessment of the applicable capacity charge will be based on the date that the General Manager receives the final permit application and building plans.
- F. If full payment of all fees and charges is not received in accordance with the General Manager's payment requirements, the new or additional water services will not be authorized.

**Section 4 – Wastewater Capacity Charge**

- A. Any Customer requesting a new connection to the Sewerage System, or requiring additional collection or treatment capacity as a result of any addition, improvement, modification or change in use of an existing connection to the Sewerage System shall pay a capacity charge. The capacity charge may not be sold, traded or conveyed in a manner to another site or customer. The capacity charge does not convey or imply ownership in or of any facilities of the Wastewater System. Customers subject to payment of wastewater capacity charges after July 1, 2014, shall pay the charges in accordance with the following tables:

**Table 2a. FYE 2019 Wastewater Capacity Charges, SIC Groups 2-6**

| Meter Size | SIC Group 2 | SIC Group 3 | SIC Group 4 | SIC Group 5 | SIC Group 6 |
|------------|-------------|-------------|-------------|-------------|-------------|
| 5/8 in     | \$3,902     | \$4,580     | \$4,780     | \$4,716     | \$4,515     |
| 3/4 in     | \$5,854     | \$6,870     | \$7,170     | \$7,074     | \$6,772     |
| 1 in       | \$9,756     | \$11,449    | \$11,951    | \$11,790    | \$11,287    |
| 1-1/2 in   | \$19,512    | \$22,899    | \$23,901    | \$23,580    | \$22,573    |
| 2 in       | \$31,219    | \$36,638    | \$38,242    | \$37,728    | \$36,118    |
| 3 in       | \$62,439    | \$73,275    | \$76,484    | \$75,456    | \$72,235    |
| 4 in       | \$97,561    | \$114,493   | \$119,506   | \$117,900   | \$112,867   |
| 6 in       | \$195,122   | \$228,986   | \$239,012   | \$235,800   | \$225,735   |
| 8 in       | \$312,195   | \$366,377   | \$382,418   | \$377,281   | \$361,176   |
| 10 in      | \$487,805   | \$572,464   | \$597,529   | \$589,501   | \$564,337   |
| 12 in      | \$839,024   | \$984,638   | \$1,027,749 | \$1,013,941 | \$970,659   |
| 16 in      | \$1,463,414 | \$1,717,393 | \$1,792,586 | \$1,768,503 | \$1,693,011 |

**Table 2b. FYE 2019 Wastewater Capacity Charges, SIC Groups 7-11**

| Meter Size | SIC Group 7 | SIC Group 8 | SIC Group 9 | SIC Group 10 | SIC Group 11 |
|------------|-------------|-------------|-------------|--------------|--------------|
| 5/8 in     | \$5,350     | \$5,544     | \$5,750     | \$6,177      | \$11,511     |
| 3/4 in     | \$8,024     | \$8,315     | \$8,625     | \$9,266      | \$17,266     |
| 1 in       | \$13,374    | \$13,859    | \$14,375    | \$15,444     | \$28,776     |
| 1-1/2 in   | \$26,748    | \$27,718    | \$28,750    | \$30,887     | \$57,553     |
| 2 in       | \$42,797    | \$44,348    | \$46,000    | \$49,420     | \$92,084     |
| 3 in       | \$85,593    | \$88,696    | \$92,000    | \$98,839     | \$184,168    |
| 4 in       | \$133,739   | \$138,588   | \$143,750   | \$154,436    | \$287,763    |
| 6 in       | \$267,479   | \$277,175   | \$287,499   | \$308,873    | \$575,526    |
| 8 in       | \$427,966   | \$443,481   | \$459,999   | \$494,196    | \$920,841    |
| 10 in      | \$668,697   | \$692,938   | \$718,748   | \$772,182    | \$1,438,815  |
| 12 in      | \$1,150,159 | \$1,191,854 | \$1,236,246 | \$1,328,153  | \$2,474,761  |
| 16 in      | \$2,006,092 | \$2,078,815 | \$2,156,243 | \$2,316,546  | \$4,316,444  |

- B. The capacity charge shall be adjusted on July 1st of each subsequent year by the annual change in the 20 City Average Construction Cost Index (CCI) published by ENR Magazine.
- C. Customers subject to payment of the wastewater capacity charge shall receive a prior use credit equal to the equivalent charge for the prior usage without regard to any time limit for such credit.
- D. Customers subject to payment of the wastewater capacity charge shall pay 100% of the charge prior to issuance of the applicable building permit. Any plan changes will result in a revised capacity charge payment.
- E. Assessment of the applicable capacity charge will be based on the date that the General Manager receives the final permit application and building plans.
- F. If full payment of all fees and charges is not received in accordance with the General Manager's payment requirements, the new or additional wastewater services will not be authorized.

**Section 5 – Effective Date**

The capacity charges set forth herein and adopted pursuant to Commission Resolution No. \_\_\_\_\_ shall be effective for permit applications and building plans received by the General Manager on and after July 1, 2018. Thereafter, in accordance with Sections 3B and 4B of this resolution, the adjusted capacity charge for each subsequent year shall be effective for permit applications and building plans received by the General Manager on and after July 1st of that subsequent year.



**From:** [Kern, Chris \(CPC\)](#)  
**To:** [Revelli, Lindsay \(PUC\)](#)  
**Cc:** [Johnston, Timothy \(CPC\)](#); [Torrey, Irina \(PUC\)](#)  
**Subject:** RE: SFPUC CEQA Statutory Exemption Request - Water and Wastewater Capacity Charges FYE 2019  
**Date:** Monday, March 26, 2018 10:00:36 AM  
**Attachments:** [image001.png](#)

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Hi Lindsay, the Planning Department has determined that the SFPUC's Proposal to Adopt Revised Water and Wastewater Capacity Charges for FYE 2019 is statutorily exempt from environmental review in accordance with CEQA section 21080(b)(8) and CEQA Guidelines section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

**Chris Kern, Principal Planner**  
**Environmental Planning Division**  
San Francisco Planning Department  
1650 Mission Street, Suite 400, San Francisco, CA 94103  
**Direct:** 415-575-9037 | [www.sfplanning.org](http://www.sfplanning.org)  
[San Francisco Property Information Map](#)

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**From:** Revelli, Lindsay [mailto:LRevelli@sfgwater.org]  
**Sent:** Friday, March 23, 2018 1:08 PM  
**To:** Kern, Chris (CPC)  
**Cc:** Johnston, Timothy (CPC); Bordon, Rhia (CPC)  
**Subject:** SFPUC CEQA Statutory Exemption Request - Water and Wastewater Capacity Charges FYE 2019

Hi Chris – Please find attached for your review the Statutory Exemption Request for the Proposal to Adopt Revised Water and Wastewater Capacity Charges for FYE 2019.

Please feel free to contact me with any questions you may have.

This is the fourth and final SE request that I will send today. Thanks again for your numerous reviews!

Thank you,

Lindsay

Lindsay Lane Revelli  
Environmental Project Manager  
San Francisco Public Utilities Commission  
Bureau of Environmental Management  
525 Golden Gate Avenue, 6th Floor, San Francisco, CA 94102  
D 415-554-1823 F 415-934-5750





March 23, 2018

Mr. Chris Kern, Senior Environmental Planner  
 Environmental Planning Division  
 San Francisco Planning Department  
 1650 Mission Street, Suite 400  
 San Francisco, CA 94103

RE: CEQA Statutory Exemption Request  
 Proposal to Adopt Revised Water and  
 Wastewater Capacity Charges FYE 2019

Dear Chris:

The San Francisco Public Utilities Commission (SFPUC) proposes adoption of water and wastewater capacity charges for new service, increased service or a change in service for Fiscal Year Ending 2019 to become effective July 1, 2018. The SFPUC Bureau of Environmental Management requests Environmental Planning (EP) concurrence that the proposed adoption of capacity charges is statutorily exempt under the California Environmental Quality Act (CEQA).

The SFPUC recommends the proposed adoption of the capacity charges by the Commission is statutorily exempt from CEQA under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges) related to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges.

Capacity charges are designed to recover a fair and proportional share of the cost to provide capacity to serve future users, and are imposed as a condition of service for new usage, increase in usage, or change in usage. A Wastewater Capacity Charge was first adopted by the SFPUC in July 2005 and a Water Capacity Charge in 2007. The Commission last revised these capacity charges in 2014.

Compared to the current FYE 2018 capacity charges, the proposed capacity charge for water would increase 59% and the proposed wastewater capacity

**Mark Farrell**  
 Mayor

**Ike Kwon**  
 President

**Vince Courtney**  
 Vice President

**Ann Moller Caen**  
 Commissioner

**Francesca Vietor**  
 Commissioner

**Anson Moran**  
 Commissioner

**Harlan L. Kelly, Jr.**  
 General Manager



Mr. Chris Kern, Senior Environmental Planner  
Environmental Planning Division, San Francisco Planning Department  
CEQA Statutory Exemption Request  
Proposal to Adopt Revised Water & Wastewater Capacity Charges FYE 2019  
March 23, 2018  
Page 2

charge would increase 4%. The 2018 SFPUC Water and Wastewater Cost of Service Study established the basis for the recommended capacity charges. Adoption of the capacity charge rates for the purpose of obtaining funds for capital projects is necessary to maintain service within existing service areas.

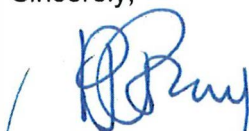
Pursuant to Charter Section 16.112, a Notice of Public Hearing on the proposed capacity charges was published in the official newspaper on March 12th through March 18th, 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on April 10, 2018, with possible Commission action on this date.

#### **CEQA COMPLIANCE/RECOMMENDATION**

The SFPUC recommends the proposed adoption of water and wastewater capacity charges for FYE 2019 is statutorily exempt from environmental review under Public Resources Code Section 21080(b)(8) and CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges), Subsection (a)(1) which provides a statutory exemption from CEQA for the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies for the purposes of meeting operating expenses, including employee wage rates and fringe benefits.

Thank you for your concurrence with this request.

Sincerely,



Irina P. Torrey, AICP, Bureau Manager

Cc: Charles Perl, SFPUC Deputy Chief Financial Officer  
Timothy Johnston, MP, Environmental Planner, Environmental Planning  
Division, San Francisco Planning Department  
Lindsay Revelli, Environmental Project Manager, SFPUC Bureau of  
Environmental Management



San Francisco  
**Water Power Sewer**  
Services of the San Francisco Public Utilities Commission

# **Water & Wastewater Rates and Charges Adoption FYE 2019-FYE 2022**

**San Francisco Public Utilities Commission**

**Eric Sandler, Chief Financial Officer & AGM-Business Services**

**April 10, 2018**



# Water and Wastewater Rates Presentations

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- Water and Wastewater Rates and Capacity Charges
  - Eric Sandler, Chief Financial Officer and AGM-Business Services
- Rates Education and Outreach
  - Todd Elmer, Chief Communications Officer
- Rate Fairness Board, Review of Staff Rate Proposals
  - Howard Ash, Chairperson of Rate Fairness Board



# Commission Meetings

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- The following Proposals related to Water and Wastewater will be heard by the Commission
- Today, April 10, 2018
  - Retail Water Rates Proposal FYE 2019-FYE 2022
  - Wastewater Rates Proposal FYE 2019-FYE 2022
  - Water and Wastewater Capacity Charges
- May 8, 2018
  - Miscellaneous Fees and Charges
  - Rules Changes for Stormwater Related Sewer System Costs for Unmetered Properties



San Francisco  
**Water Power Sewer**  
services of the San Francisco Public Utilities Commission

# Water and Wastewater Rates & Capacity Charges

San Francisco Public Utilities Commission

Eric Sandler, Chief Financial Officer & AGM—Business Services

April 10, 2018



# Agenda

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- Background & Policy Framework
- Rate Study Process
- Water & Sewer Rates Proposal
- Temporary Drought Surcharge
- Capacity Charges





# Rate Study Background

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- San Francisco Charter requires:
  - An independent cost of service study for each utility at least every five years
  - Rate Fairness Board review of proposed rates
- CA Proposition 218 sets legal requirements for:
  - Calculation of water and sewer rates based on proportional allocation of costs to customer classes
  - Noticing customers of rate increases and providing opportunity for public comment
- Proposing four years of water and wastewater rates beginning July 1, 2018 (FYE 2019 to FYE 2022)



# Rate Study Timeline

| Study Area                 | Timeframe         | Project Team | Steering Committee | Rate Fairness Board | Citizen's Advisory Committee | Commission |
|----------------------------|-------------------|--------------|--------------------|---------------------|------------------------------|------------|
| RFP & Consultant Selection | Apr–June 2016     | ✓            |                    |                     |                              |            |
| Stormwater Cost Allocation | Jul–Dec 2016      | ✓            | ✓                  | ✓                   | ✓                            | ✓          |
| Financial Policies         | Jan–Sept 2017     | ✓            | ✓                  | ✓                   | ✓                            | ✓          |
| Revenue Requirement        | Dec 2016–Jan 2018 | ✓            | ✓                  | ✓                   |                              |            |
| Cost of Service            | Aug 2017–Jan 2018 | ✓            | ✓                  | ✓                   |                              |            |
| Rate Design                | Oct 2017–Feb 2018 | ✓            | ✓                  | ✓                   |                              | ✓          |
| Community Outreach         | Jan–Apr 2018      |              |                    | ✓                   | ✓                            |            |
| Rates Adoption             | Mar–Apr 2018      |              |                    | ✓                   | ✓                            | ✓          |
| Rates Effective            | July 1, 2018      |              |                    |                     |                              |            |



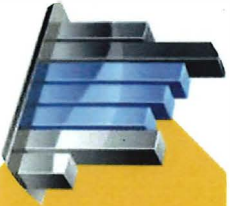
# Policy Framework

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- Ratepayer Assurance Policy establishes principles to guide rate-setting:
  - Revenue Sufficiency
  - Customer Equity
  - Environmental Sustainability
  - Predictability
  - Simplicity
  - Affordability
- Rates are also set to comply with targets established in other SFPUC financial policies:
  - Debt Service Coverage Policy minimums of 1.1x current and 1.35x indenture coverage
  - Fund Balance Reserve Policy minimum of 25% annual operating expenses
  - Capital Financing Policy target of 15-25% revenue-funding of capital plan over the ten years

# Rate Study Process

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## Revenue Requirement Analysis

- Calculate revenue adjustments necessary to meet policy, capital, and operating objectives



## Cost of Service Analysis

- Equitably link costs to system functions by customer class



## Rate Design

- Design individual fees and charges to recover costs



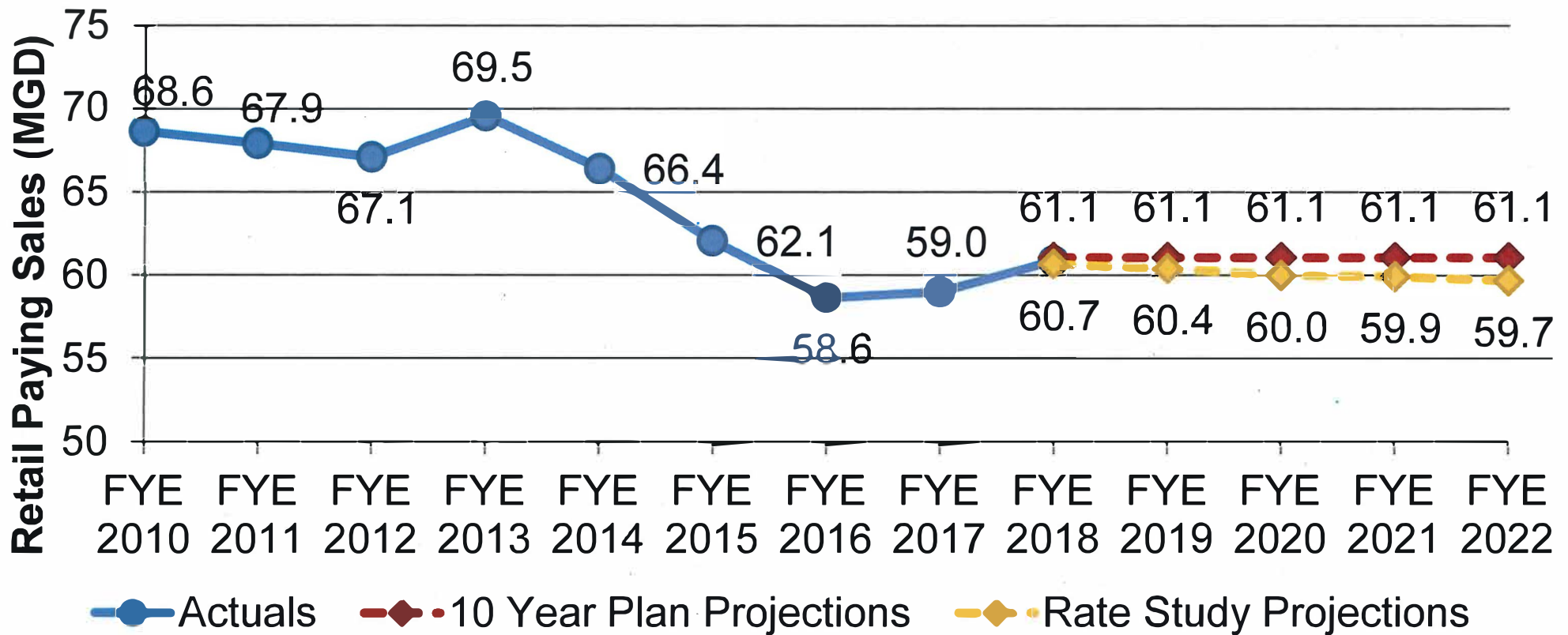
# Revenue Requirement Analysis

- Revenue requirement incorporates adopted 2-year budget, 10-Year CIP, and 10-Year Financial Plan
- Capital costs represent 80% of the increase in the revenue requirement during the four years

| Revenue Requirement Increases | FYE 2019    | FYE 2020    | FYE 2021    | FYE 2022    | Average     |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Water</b>                  | 9.0%        | 8.0%        | 7.0%        | 7.0%        | 7.7%        |
| <b>Wastewater</b>             | 7.0%        | 7.0%        | 8.0%        | 8.0%        | 7.5%        |
| <b>Combined</b>               | <b>7.9%</b> | <b>7.5%</b> | <b>7.5%</b> | <b>7.5%</b> | <b>7.6%</b> |



# Retail Water Sales Volume Assumptions





# Cost of Service Analysis

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- Cost of service analysis allocates each cost of the system to a customer class based on proportional use
- Some key updates during this study:
  - Updated peaking factors for system and customer classes
  - Detailed allocation of operating expenses
  - Complete update of asset and capital project allocations
  - Improved allocation of offset of wholesale water revenues
  - New indirect cost allocation for Bureau expenses
  - Separately identified customer service (wastewater), and public fire and conservation costs (water)

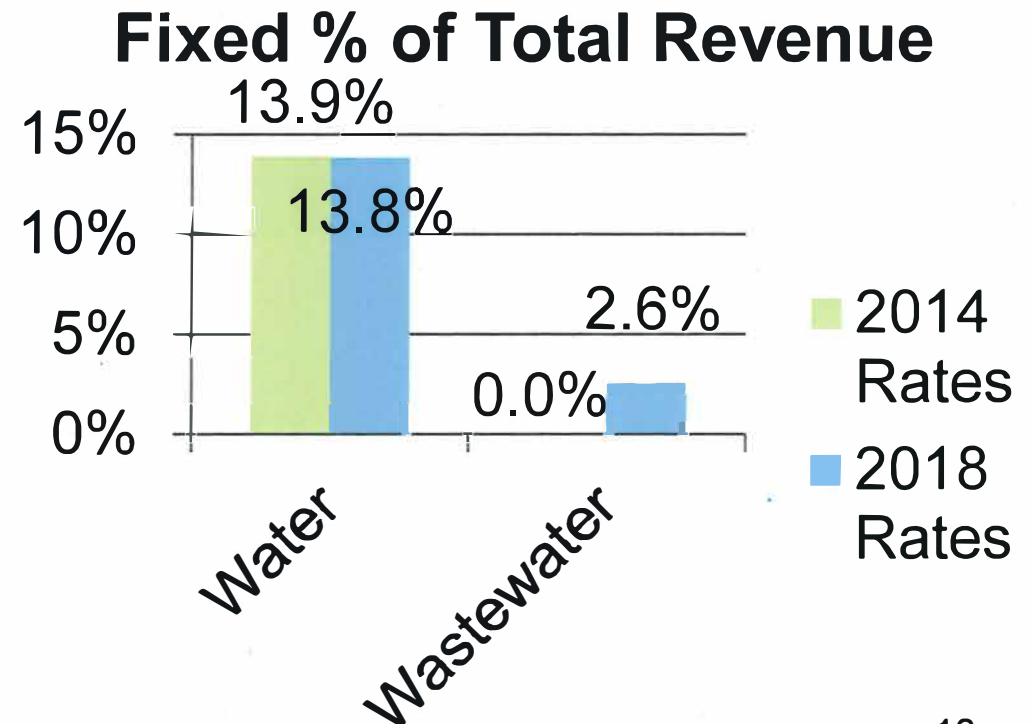
# Rate Design: Current Rate Structure

|  | Water Rate Structure  | Wastewater Rate Structure   |
|--|---|---|
| <b>Fixed Charges</b>                   | Fixed charges based on meter size   | No fixed charge   |
| <b>Residential Variable Charges</b>    | Two tiers, with breakpoint at 4 CCF (single family) or 3 CCF (multi-family)   | <ul style="list-style-type: none"> <li>• No tiers</li> <li>• Volumetric rate based on domestic strength sewage</li> </ul>                                       |
| <b>Non-Residential Variable Charge</b> | <ul style="list-style-type: none"> <li>• No tiers</li> <li>• Different volumetric rates for: commercial, builders &amp; contractors, docks &amp; ships, interruptible, raw water</li> </ul> | <ul style="list-style-type: none"> <li>• Volumetric rate with three strength components: COD, TSS, O/G</li> <li>• Strengths billed based on SIC code</li> </ul> |



# Rate Design: Fixed Charges

- Fixed monthly service charges recover costs that do not vary based on usage
  - Includes customer service, billing, meters, and fire protection
  - Supports *Revenue Sufficiency* and *Predictability*
- Phasing in proposed wastewater fixed charge over four years





# Rate Design: Water Residential Variable Charges

---

- No change recommended to tier breakpoints
  - 4 CCF for single family, 3 CCF for multi-family
- Cost of service updated allocation to second tier
  - Includes cost of water conservation programs and a portion of “peaking” costs by customer class, including water supply diversification and extra capacity in transmission, pumping, treatment, storage, and distribution
- Phasing in adjustments to cost allocation over four years



# Rate Design: Water Nonresidential Variable Charges

- Recommend consolidation into single commercial rate
- Supports Ratepayer Assurance Policy principle of *Simplicity*

| Customer Type                    | Existing Rate          | Proposed Rate |
|----------------------------------|------------------------|---------------|
| Commercial, Industrial & General | Commercial             | Commercial    |
| Fire Service                     |                        |               |
| Public                           |                        |               |
| Irrigation                       |                        |               |
| Interruptible                    | Interruptible          |               |
| Docks & Shipping                 | Docks & Shipping       |               |
| Builders & Contractors           | Builders & Contractors |               |



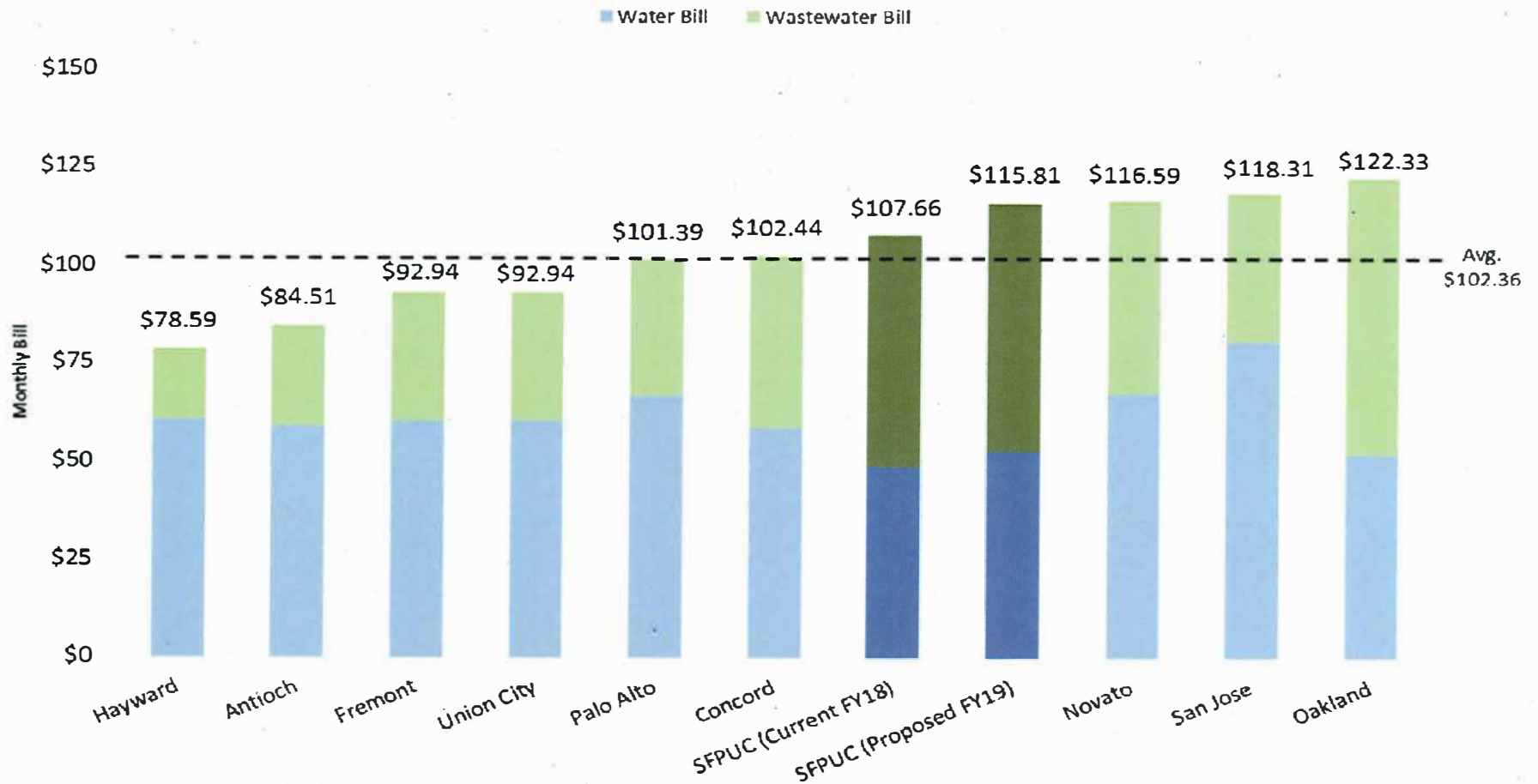
# Average Single Family Residential Bill

|                            | Current<br>FYE<br>2018 | Proposed     |              |              |              | Average<br>Annual<br>Increase |
|----------------------------|------------------------|--------------|--------------|--------------|--------------|-------------------------------|
|                            |                        | FYE 2019     | FYE 2020     | FYE 2021     | FYE 2022     |                               |
| Water Fixed Charge         | \$12                   | \$12         | \$13         | \$14         | \$15         | \$0.89                        |
| Water Variable Charge      | \$37                   | \$40         | \$44         | \$48         | \$52         | \$3.86                        |
| <b>Water Bill</b>          | <b>\$49</b>            | <b>\$53</b>  | <b>\$57</b>  | <b>\$62</b>  | <b>\$67</b>  | <b>\$4.74</b>                 |
| Wastewater Fixed Charge    | \$0                    | \$1          | \$2          | \$4          | \$5          | \$1.30                        |
| Wastewater Variable Charge | \$59                   | \$62         | \$66         | \$71         | \$76         | \$4.26                        |
| <b>Wastewater Bill</b>     | <b>\$59</b>            | <b>\$63</b>  | <b>\$68</b>  | <b>\$75</b>  | <b>\$81</b>  | <b>\$5.56</b>                 |
| <b>Combined Bill</b>       | <b>\$108</b>           | <b>\$116</b> | <b>\$126</b> | <b>\$137</b> | <b>\$149</b> | <b>\$10.30</b>                |
| <i>% Increase</i>          |                        | 7.6%         | 8.4%         | 8.9%         | 8.9%         | 8.4%                          |



# Peer Agency Single Family Bill Comparison

Comparison of Combined Monthly Water and Wastewater Bills:  
SFR at Typical ccf for Each Bay Area Agency



Note: SFPUC Proposed FY19 includes the recommended fixed sewer charge and reflects combined sanitary sewer and stormwater sewer costs. The comparative agencies may or may not include stormwater costs within their monthly wastewater bill.



# Temporary Drought Surcharge

- Temporary surcharge triggered by Commission action that calls for reduced water usage
- Actual surcharge can't exceed cost of service; "up to %" calculated based on estimated revenue requirement impact (i.e., lost revenue)

| Retail Water Shortage Allocation Plan Stage | Target Usage Reduction | Drought Surcharge on Volumetric Water/WW Rates |
|---|------------------------|--|
| Stage 1                                     | 5 - 10%                | Up to 10%                                      |
| Stage 2                                     | 11 - 20%               | Up to 20%                                      |
| Stage 3                                     | Over 20%               | Up to 25%                                      |

# Temporary Drought Surcharge Implementation Process

Commission declares Stage 1 Water Shortage

- Requests customers to reduce water usage by 10%

Finance staff calculate projected revenue loss and corresponding % surcharge

- Surcharge cannot be greater than 10%

Surcharge is added to all volumetric water and wastewater rates

Commission ends request to reduce water usage and surcharge ends



# Capacity Charge Background

- SFPUC adopted capacity charges for water in 2005 and for wastewater in 2007
  - Reviewed and updated during each rate study
- Capacity charges ensure customers who need additional system capacity (new or expanded service) pay a fair amount compared to what existing customers have already paid to build out the system
- SFPUC uses the “buy-in” calculation methodology

$$\frac{(\text{Retail Asset Value}_{2017 \$} - \text{Depreciation}_{2017 \$}) - \text{Outstanding Debt} + \text{Cash Reserves}}{\text{System Capacity} / \text{Capacity per Meter Equivalent}}$$





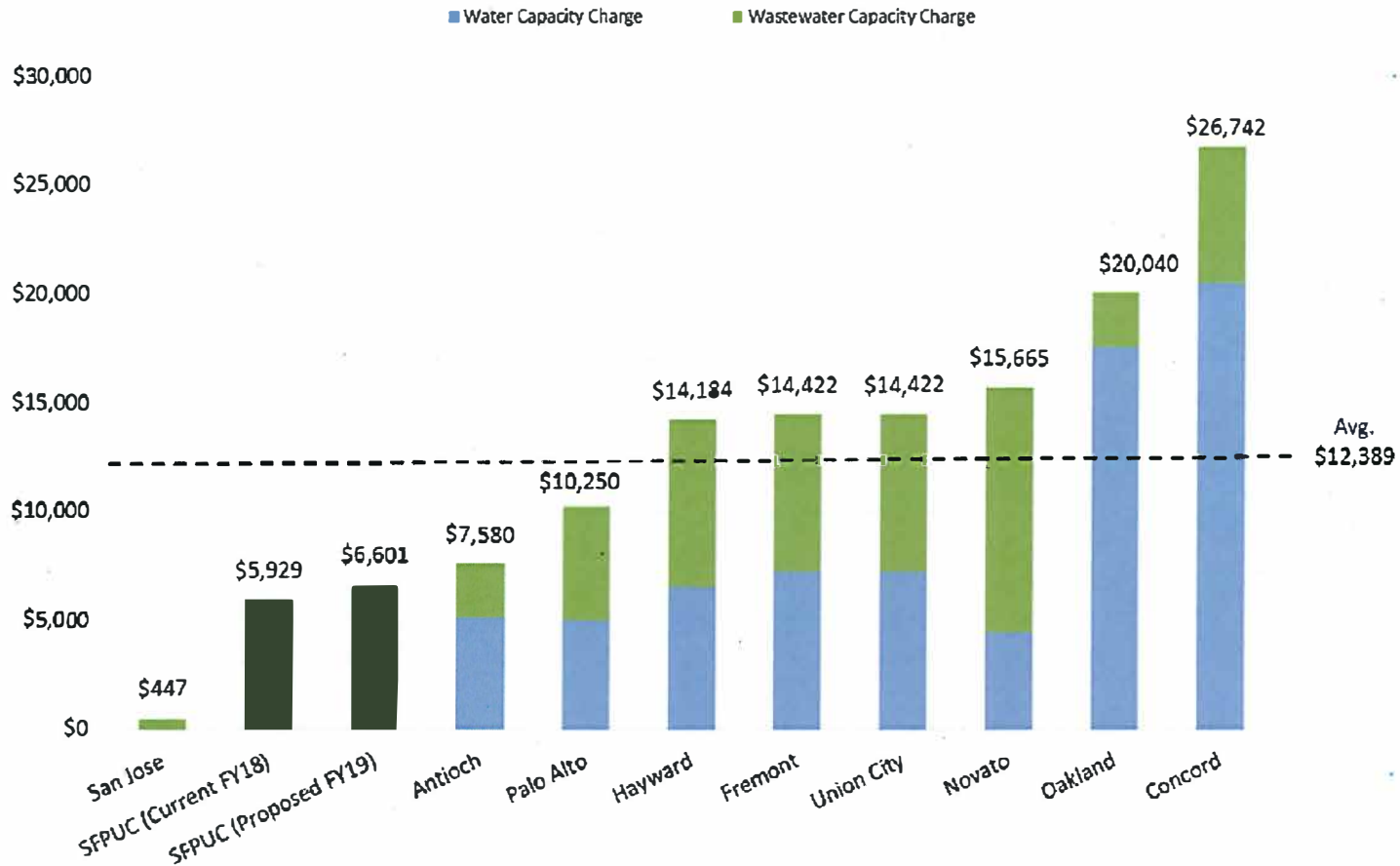
# Water & Wastewater Capacity Charges

- Capacity charges ensure new customers pay their fair share of the costs that existing ratepayers have already paid in
- Wastewater capacity charge increasing by 4%
- Water capacity charge increasing by 35%
  - Represents significant increases in capital assets from WSIP
- Annual increases authorized based on ENR

|  | Water System   | Wastewater System |
|--|----------------|-------------------|
| FYE 2018 Capacity Charge per ME        | \$1,346        | \$4,583           |
| <b>FYE 2019 Capacity Charge per ME</b> | <b>\$1,821</b> | <b>\$4,780</b>    |
| Capacity Charge Increase (%)           | 35%            | 4%                |



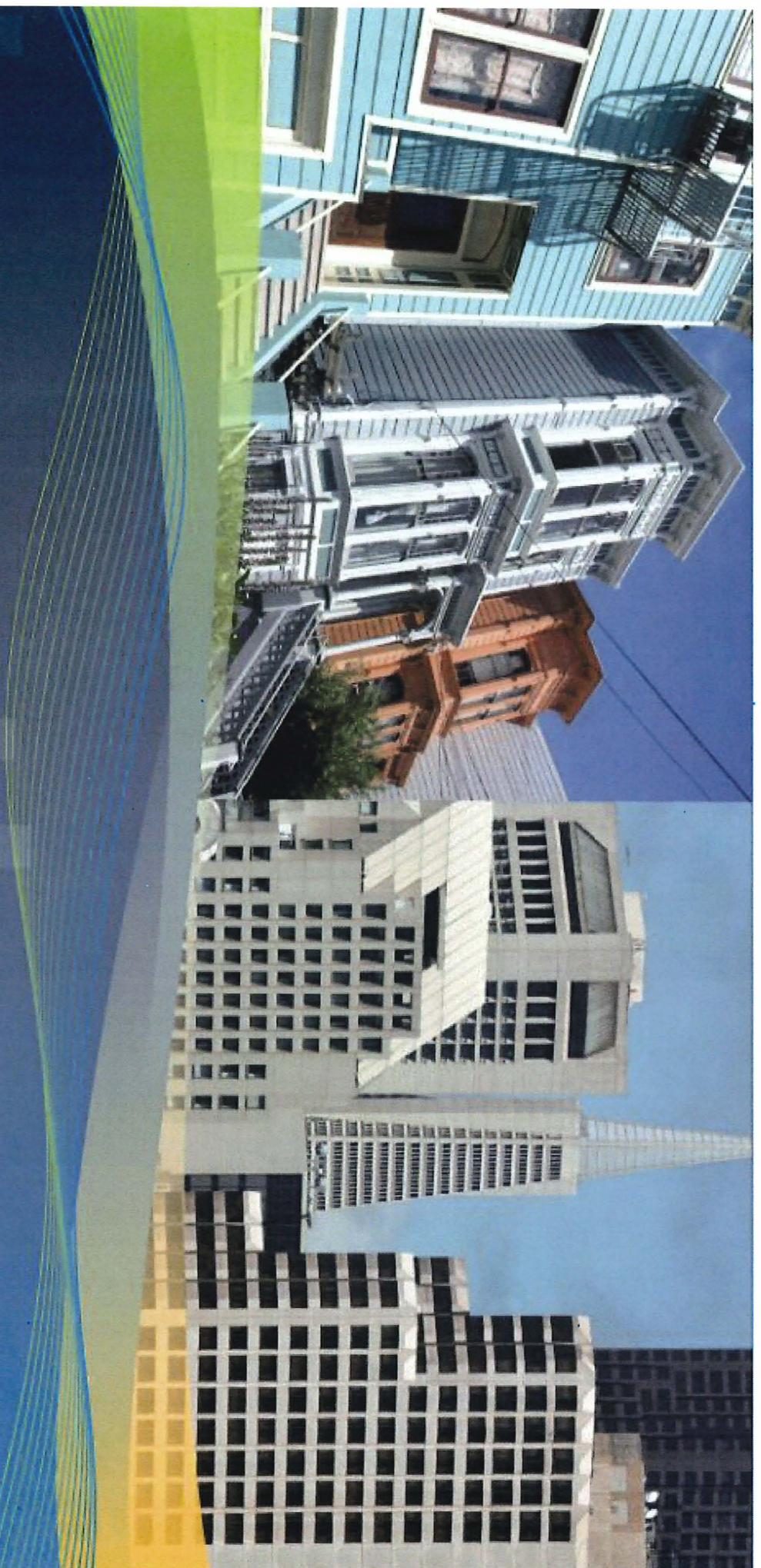
# Peer Agency Capacity Charges Comparison



# Discussion

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# *Investing In Our City*

# **Rates Education & Outreach**

**April 10, 2018**

*Todd Elmer, Chief Communications Officer*



San Francisco  
**Water Power Sewer**  
Services of the San Francisco Public Utilities Commission

# Education & Outreach



- Continuous Education & Engagement
- 24/7 Services & System Conditions
- Project Updates & Successes
- Encourage Public Participation

# Key Messages

Our water system provides **essential services** critical to the everyday life and the economic stability of the Bay Area.

Our sewer system is the frontline of defense to protect public health. We have identified critical upgrades to the system to ensure we can continue to **protect public health and the environment.**

Rates increase are necessary to **pay for critical system upgrades.** The longer we wait, the more expensive they will cost.



# City-Wide Presentations

- Offered presentations to **480+ organizations**.
- As of April 2, **59 community presentations** scheduled city-wide.
- Presented to diverse groups, reflecting the entirety of San Francisco.

**Presented to Every District in San Francisco**




# Educational Materials



- **NEW** Rates Factsheet
- **NEW** Comprehensive Programs, Rebates, and Incentives for Residents and Businesses
- Over 20 Educational Materials Translated into 3 Languages
- Provided In-Person and Online

# Digital Reach



**At Your Service, 24/7**  
Find out how rates support water and sewer services year-round.

[Learn More](#)

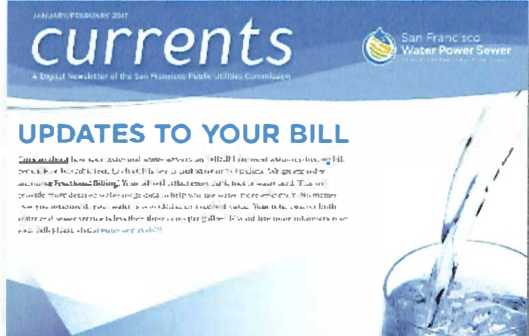


facebook

San Francisco is Getting **RAIN READY** ARE YOU?

PLAN. PREPARE. PROTECT.

SF Water Power Sewer (@SFWater) · Mar 23  
#DXY that you can adopt your very own storm drain and give it a name? Some of our most popular drain names are Brain Drain & Drainmond Green. Don't wait! #AdoptADrain today! [cwlj/enN3Q2qjf](#)



JANUARY/FEBRUARY 2017

**currents**

A Digital Newsletter of the San Francisco Public Utilities Commission

**UPDATES TO YOUR BILL**

**Water and Sewer Rates** have been adjusted and approved by the Board of Supervisors. The new rates are effective for the first quarter of 2017. The new rates are based on the most current data available and are designed to provide more accurate rates for our customers. For more information, please visit [www.sfpuc.org](#).

**Rates Webpage**  
(Jan-Mar)

Unique Visitors:  
**292,400**

**Social Media**  
(Jan-Mar)

Impressions:  
**708,400**

**Digital Newsletter**  
(Jan-Mar)

Subscribers:  
**152,800**

**Total Estimated Digital Reach: 1,153,600**

# Media Coverage

As of April 2:

12 Neighborhood  
Newspapers

## Water Rates

### SFPUC Invests in vital services

**W**e at the SF Public Utilities Commission (SFPUC) know that San Francisco expects high-quality tap water, as well as safe disposal of treated sewage to protect our public health and the health of the Bay and ocean. It's our job to worry about those things so you won't have to. But the bottom line is that we need additional support from our ratepayers to make critical upgrades necessary to serve San Francisco—today, tomorrow, and decades down the road.

The services we provide are funded 100 percent by your monthly water and sewer bill. Your payments help maintain and upgrade an extensive array of infrastructure that we depend on to collect, treat, and deliver clean, reliable water, and safely collect and treat wastewater before returning it to the Bay and ocean. Just as your car needs regular maintenance and upgrades to keep it in good working order, so do your water and sewer systems.

Here are the essential priorities:

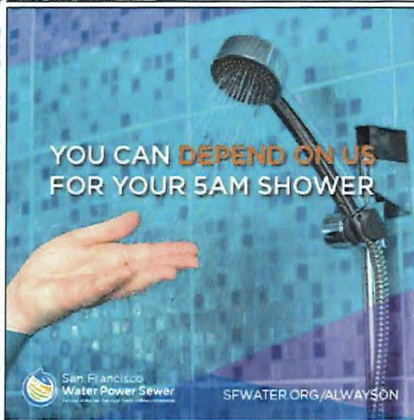
The Southeast Wastewater Treatment Plant is the frontline protector of basic public health for most of the City. It treats both sewage and stormwater runoff for 80 percent of the City, and key facilities are in need of an upgrade. Built in 1952, some components will

key pipelines and other critical components of the system to services to you.

We also maintain transmission pipe almost 2,000 miles city of San Francisco well-maintained over time are far emergency fixes.

Water and sewer rates to pay for the planning an average of eight percent in the next four years family residential its current monthly to about an additional with more than 80 ing critical upgr

As responsible money, we do increases lightly you the cost for nothing more, at pending and additional investment. Setting rates involves several



**YOU CAN DEPEND ON US FOR YOUR 5AM SHOWER**

San Francisco Water Power Sewer  
SPWATER.ORG/ALWAYSON

### Our Systems At Work

#### Our Water System

Water travels as far as 167 miles across the state straight to your home.

We serve 2.7 million people in the Bay Area. 300 days a year, we have invested in local and regional water projects to deliver high-quality water when you need it.

#### Our Sewer System

Wastewater runs down your drains and through 2,900 miles of pipe in San Francisco, is properly treated in our plants, then safely returned to the Bay and ocean.

We serve residents and businesses in San Francisco. Our combined sewer system treats wastewater and stormwater. Infrastructure investments are critical to protect public health and the environment, now and into the future.

At your service, 24/7. Learn more at [sfwater.org/AlwaysOn](http://sfwater.org/AlwaysOn) [f](https://www.facebook.com/sfwater) [i](https://www.instagram.com/sfwater) [t](https://www.tiktok.com/@sfwater) [y](https://www.youtube.com/@sfwater)

21 News Stories  
(TV, Radio, Papers)

WEATHER

## San Francisco PUC begins workshops to improve Cayuga Avenue flooding

Share G+ Tweet Email



### SF embarking on major projects to bolster sewer system

By Melanie Woodrow

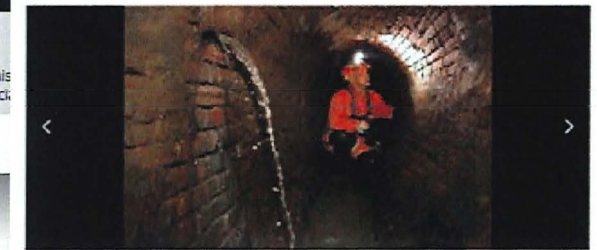


Photo: Inside Water: The Chronicle

San Francisco Public Utilities Commission (SFPUC) is embarking on major projects to bolster the sewer system under the 2015 plan of the Board of Supervisors. The projects will improve the city's flood resilience, especially in the area of Cayuga Avenue.

# Community Feedback - Snapshot

As of April 2, we have received:

- **153 protest letters of 238,500 delivered.**
- **7 emails and 58 phone calls.**
- **170 comment cards**, collected from participants voluntarily at community presentations.

# Comment Cards

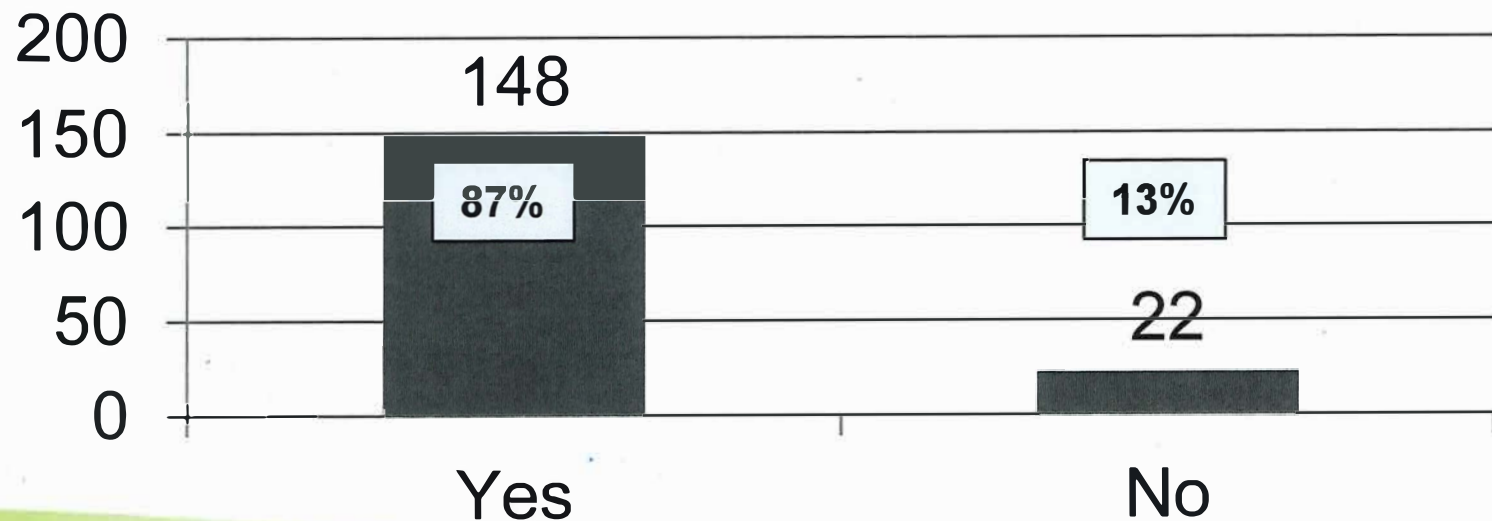
- Do stakeholders understand...
  - ...the *services* we provide and the *infrastructure* needed to deliver, 24/7?
  - ...that rates pay for the *operations, maintenance,* and *upgrades* we make to our systems?



# Comment Card Feedback - Snapshot

**87% of attendees learned about our water and sewer systems.**

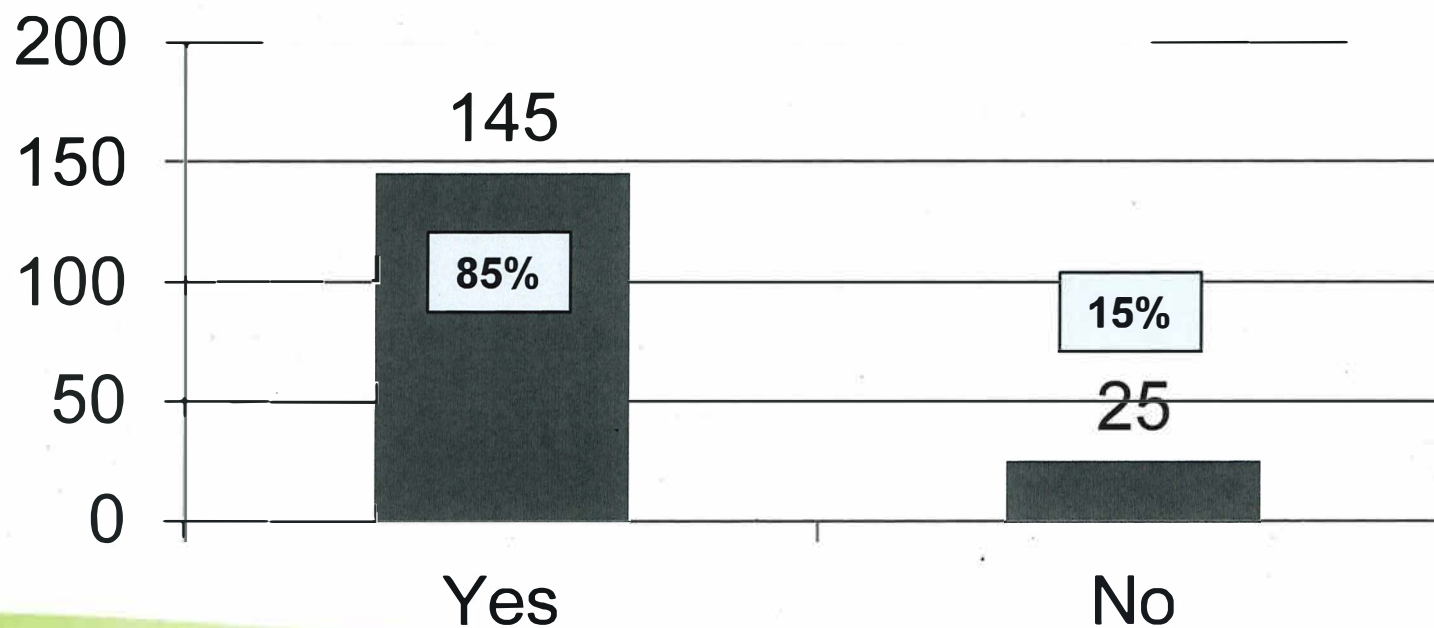
**Did you learn about your water and sewer systems?**



# Comment Card Feedback - Snapshot

**85% of attendees learned what rates pay for.**

**Did you learn what your rate pays for?**



# Summary

Community members appreciate our outreach and education efforts. While stakeholders recognize that the rates are increasing, there is a strengthened understanding as to why the increase is needed.



# Next Steps

Continue engaging and educating our ratepayers and communities while encouraging two-way conversation through:

- City-Wide Presentations
- Digital Outreach
- Customer Outreach
- Media Coverage

# Rate Fairness Board

## Review of Staff Rate Proposals for FY 2019 - 2022

April 10, 2018



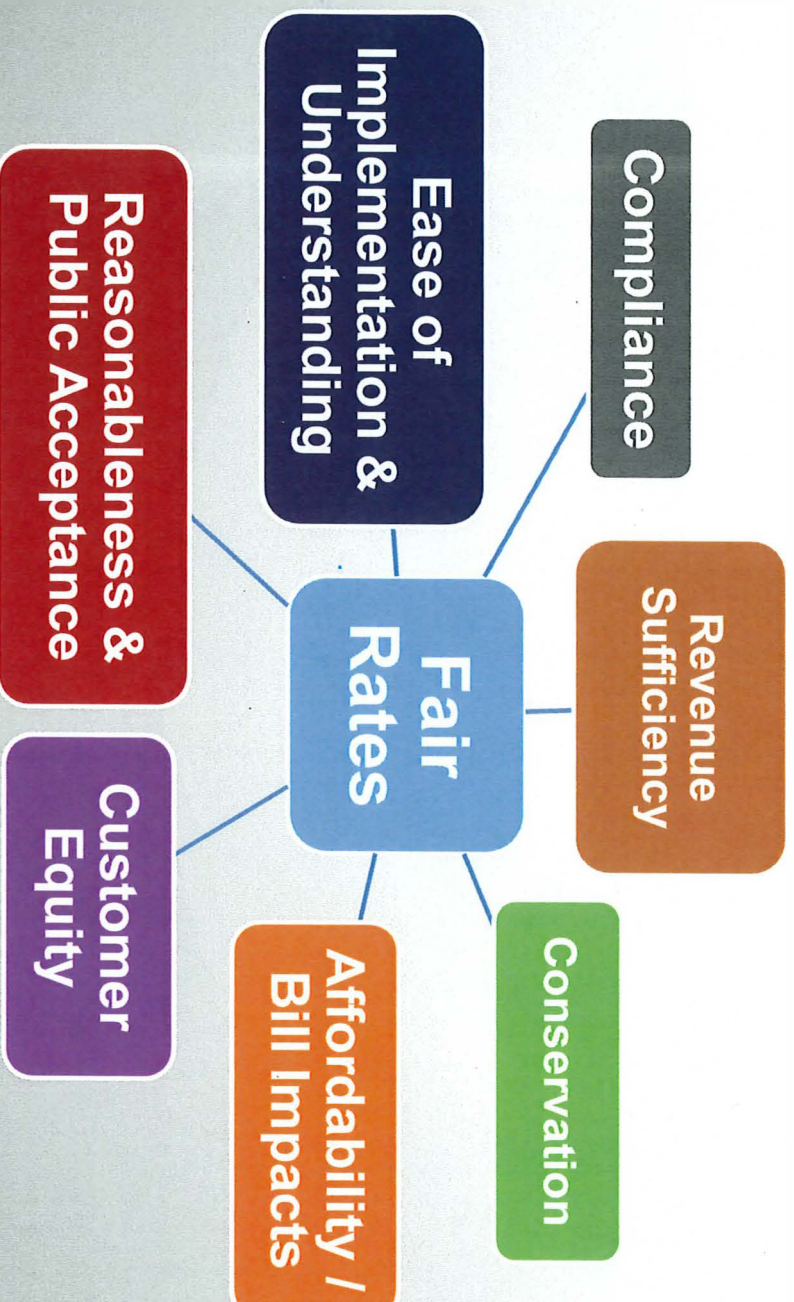
San Francisco  
**Water Power Sewer**  
Services of the San Francisco Public Utilities Commission

# Rate Fairness Board Members

*(per Charter, Article 8B)*

| Name            | Position / Title                         | Appointed / Designated By             |
|-----------------|--|---------------------------------------|
| Howard Ash      | Chair, Residential Ratepayer Rep.        | Board of Supervisors                  |
| Kevin Cheng     | Residential Ratepayer Rep.               | Mayor                                 |
| Theresa Kao     | Citywide Budget Manager                  | Controller                            |
| Adam Nguyen     | Finance & Planning Director              | City Administrator                    |
| Jamie Querubin  | Bond Analyst                             | Controller's Office of Public Finance |
| Scott Ungermann | Vice-Chair, Large Business Customer Rep. | Mayor                                 |
| Vacant          | Small Business Customer Rep.             | Board of Supervisors                  |

# Multiple Rate Objectives



# 17 years of change at SFPUC

| SFPUC function/attribute   | 2001        | Present Day      |
|--|-------------|------------------|
| General Fund departments pay for water                                 | NO          | YES              |
| SFPUC \$ transfers to General Fund                                     | YES         | NO               |
| SFPUC \$ transfers among departments                                   | Probably    | NO               |
| Independent rate studies   | NO          | YES              |
| Volumetric basis for wastewater rates                                  | Water vols. | Wastewater vols. |
| Low-income rates for water & wastewater                                | NO          | YES              |
| Capacity charges for new construction                                  | NO          | YES              |
| Non-residential wastewater customers subsidizing residential customers | YES         | Less So          |
| Rates designed to encourage conservation                               | Not really  | YES              |
| Civilian oversight / rate & revenue transparency                       | NO          | YES              |
| SFPUC bonding authority  | Voters      | Bd. of Sups.     |
| Power enterprise using Uniform System of Accounts                      | NO          | YES              |

# Rate Fairness Board Purpose

- Established by §8B.125 of S.F, Charter to:
  - ◆ Review rate forecasts
  - ◆ Hold public hearings
  - ◆ Report and recommend on rates and policy
- “Dress rehearsal” for staff proposal to Commission
  - ◆ Civilian “oversight” or “sunshine”
  - ◆ Fresh sets of eyes
  - ◆ Analyze the details – no time constraints
  - ◆ Opportunity for public comment (among others)

# Rate Fairness Board Process

- 14 meetings during this rate cycle: Sept. 2016 – April 2018
  - ◆ Consultant's rate study, demand forecast, cost of service, cost allocation, rate design, affordability, staff proposal, power rates
- All meetings held at SFPUC HQ
- All meeting documents and minutes on web-site
- Transparent discussions of compliance, customer impacts, fiscal responsibility
- Very limited public attendance and public comment at RFB meetings
  - ◆ We have noted CAC comments and Prop. 218 protests

# Rate Study / Rate Proposal Outcomes

- RFB has confidence in the staff and the rate consultant
  - ◆ Thorough and detailed; all questions answered
- Modest re-allocation of costs among functions, customer classes, and services (consultant-driven)
- Rates have to rise to meet rising costs (mostly debt service)
- Maintain current rate design fundamentals
  - ◆ Tiered water rates for households to encourage conservation
  - ◆ Wastewater charges based on water flow factors and loadings
  - ◆ Fixed costs allocated to monthly service charges (new for wastewater)



# RFB Water & Wastewater Rate Observations

- Proposed rates are technically fair, reasonable, and are designed to meet debt requirements/covenants, coverage, etc.
- Comfortable with rate class distinctions and rate differentials – continuing current practices
- Extensive customer outreach about the new rates
- Low-income program (CAP) is available, but enrollment is very low
  - ◆ Large gap between customer need vs. capacity to address the need

# CleanPower SF – Not to Exceed Rates

- Retail program achieving success in developing customer base
- Proposed rates achieving goals
  - ◆ Remaining competitive with PG&E
  - ◆ Covering costs
  - ◆ Growing the fund balance
- Program has evolved from more expensive than PG&E to cheaper and greener

# Rate Fairness Board Recommendations

- Approve 4-year rates package for water and wastewater
  - ◆ Smooth rate increase cushions the impacts on customers
  - ◆ Maintains appropriate fund balances
  - ◆ Continues meaningful level of cash-funded repair & replacement
- Approve 4-year rates for fire sprinkler service
- Approve updated water and wastewater capacity charges & miscellaneous charges
- Approve updated CleanPower SF “not to exceed” rates
- These recommendations follow naturally from our process -- the evolution to the current rate structures has been validated by RFB and the Commission

# RFB on New Rates & Charges

- Pilot program for new wastewater customers without a meter
  - ◆ Assigns costs to those using the system
  - ◆ Not intended to charge parcels that do not contribute to storm-water runoff
- Drought surcharge proposal adds another tool for fiscal management
- Recommend approval of these programs

# Rate Fairness Board Concerns / Issues

- Affordability findings are troubling. Need to increase outreach, enrollment and funding.
  - ◆ Recommend linking outreach to Prop. 218 protests about affordability
- Fire service rates – third consecutive meaningful change in cost allocations (may be consultant-driven)
- We look forward to results of the new wastewater customer pilot program
  - ◆ SFPUC should advertise alternatives – permeable pavement options, etc. – and look for revenues to provide rebates
- We ask the Commission to use drought surcharge authority with great care

# Long-Term Thoughts

Most multi-family residential customers remain without price signals for conservation

- All customer classes responded during the recent drought
- Maybe a hard and expensive solution (sub-metering) without a problem

A hidden affordability crisis?

- 2.5% metric may be too high in our high-AMI region
- Recommend investigating other metrics of affordability
- Improve and expand outreach for CAP

005-11

**Commissioners**  
Eric Sklar, President  
Saint Helena  
Anthony C. Williams, Vice President  
Huntington Beach  
Jacque Hostler-Carmesin, Member  
McKinleyville  
Russell E. Burns, Member  
Napa  
Peter S. Silva, Member  
Jamul

STATE OF CALIFORNIA  
Edmund G. Brown Jr., Governor

Valerie Termini, Executive Director  
P.O. Box 944209  
Sacramento, CA 94244-2090  
(916) 653-4899  
fgc@fgc.ca.gov  
www.fgc.ca.gov

### Fish and Game Commission



Wildlife Heritage and Conservation  
Since 1870

RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO  
2018 APR 16 AM 8:53

## CALIFORNIA FISH AND GAME COMMISSION NOTICE OF FINAL CONSIDERATION OF PETITIONS

NOTICE IS HEREBY GIVEN pursuant to the provisions of Fish and Game Code Section 2078, that the California Fish and Game Commission (Commission), has scheduled final consideration of petitions to list tricolored blackbird (*Agelaius tricolor*), coast yellow leptosiphon (*Leptosiphon croceus*) and Lassics lupine (*Lupinus constancei*) as threatened or endangered species for its April 18-19, 2018, meeting. Consideration of the petitions will be heard April 19 at 8:30 a.m., or as soon thereafter as the matter may be heard, at the Four Points by Sheraton Ventura Harbor Resort, 1050 Schooner Drive, Ventura, California.

The agenda of the April 18-19, 2018 meeting, and the agendas and video archive of previous meetings where actions were taken on tricolored blackbird, coast yellow leptosiphon and Lassics lupine are available online at <http://www.fgc.ca.gov/meetings/>.

Pursuant to the provisions of Fish and Game Code, sections 2075 and 2075.5, the Commission will consider the petitions and all other information in the records before the Commission to determine whether listing tricolored blackbird, coast yellow leptosiphon and Lassics lupine as threatened or endangered species is warranted.

The petitions, the Department evaluation reports, and other information in the records before the Commission are posted on the Commission website at <http://www.fgc.ca.gov/regulations/2018/index.aspx>.

Fish and Game Commission

April 3, 2018

Valerie Termini  
Executive Director

17

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**From:** Board of Supervisors, (BOS)  
**Sent:** Tuesday, April 10, 2018 8:04 AM  
**To:** BOS-Supervisors; BOS Legislation, (BOS)  
**Subject:** FW: File No. 180179

Begin forwarded message:

**From:** toniwalka <[toniwalka@yahoo.com](mailto:toniwalka@yahoo.com)>  
**Date:** April 9, 2018 at 7:36:19 PM PDT  
**To:** [Board.of.Supervisors@sfgov.org](mailto:Board.of.Supervisors@sfgov.org), [Angela.Calvillo@sfgov.org](mailto:Angela.Calvillo@sfgov.org)  
**Subject:** File No. 180179

Hello-

My name is Antoinette Walker and I live at 575 Raymond Ave., adjacent to the proposed project at 590 Leland Ave..

I am in opposition to the project, but not in it's entirety.

I feel that the Developer should demolish the church at 590 Leland and build the houses proposed for those 2 lots, but not the lots on Raymond.

Build on the lots that have been previously developed and not the ones that have not. Leave the lots on Raymond Ave. as Open Space. With all the buildings and homes going up in our City, we have very little Open Space left and need to preserve this Open Space, so that we can continue to enjoy the natural beauty of this area.

Also, we don't need more unaffordable housing. We need more housing that people can afford and more Open Space that they can enjoy.

Building on the 3 lots on Raymond Ave. would destroy the natural habitat and plant-life that has been in that Open Space since the city's existence.

Please do not allow this Developer to bulid on the Open Space (3 lots) adjacent to 575 Raymond Ave..

Thank you,  
Antoinette Walker

Sent from my Sprint Samsung Galaxy S7.



---

**From:** Board of Supervisors, (BOS)  
**Subject:** FW: CMD FORM 201  
**Attachments:** PUC 9054.pdf

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 11:15 AM  
**To:** BOS-Supervisors <bos-supervisors@sfgov.org>  
**Subject:** FW: CMD FORM 201

---

**From:** Viterbo-Martinez, Domenic (ADM)  
**Sent:** Friday, April 13, 2018 9:30 AM  
**To:** Moayed, Taraneh (PUC) <TMoayed@sfgov.org>  
**Cc:** Calvillo, Angela (BOS) <angela.calvillo@sfgov.org>; Winchester, Tamra (ADM) <tamra.winchester@sfgov.org>;  
Camua, Maria-Zenaida (ADM) <maria-zenaida.camua@sfgov.org>  
**Subject:** CMD FORM 201

Hello, Taraneh:

Attached is a signed copy of CMD Form 201 waiver request #9054 – COUNTY OF VENTURA.

Thank you,



Domenic Viterbo-Martinez, Administrative Assistant

**Chapter 12B Equal Benefits Unit**

Contract Monitoring Division (CMD)

30 Van Ness Avenue | Suite 200 | San Francisco | CA | 94102

Direct 415-581-2311 | Main 415-581-2310 | Fax 415-581-2351

[Domenic.Viterbo-Martinez@sfgov.org](mailto:Domenic.Viterbo-Martinez@sfgov.org)

Visit us at [sfgov.org/cmd](http://sfgov.org/cmd)

*\*\*\* The City and County of San Francisco is using a new enterprise management system. All businesses now register, view and submit bids, sign contracts, and update contact/banking/compliance information online! Follow these steps:*

*Register your business: <https://sfcitypartner.sfgov.org>*

*Register compliance with the Equal Benefits Ordinance: <https://sfcitypartner.sfgov.org/vendor/login>*

*Submit a ticket to be converted from a Bidder to a Supplier: <https://sfcitypartnersupport.sfgov.org/support/home> \*\*\**



CITY AND COUNTY OF SAN FRANCISCO
CONTRACT MONITORING DIVISION

S.F. ADMINISTRATIVE CODE CHAPTERS 12B and 14B
WAIVER REQUEST FORM
(CMD-201)

Send completed waiver requests to:
cmd.waiverrequest@sfgov.org or
CMD, 30 Van Ness Avenue, Suite 200, San Francisco, CA
94102

FOR CMD USE ONLY
Request Number: 9054
2018 APR 10 PM 1:01
CONTRACT MONITORING DIVISION

Section 1. Department Information

Department Head Signature: [Signature]
Name of Department: SFPUC
Department Address: 525 Golden Gate Avenue, SF, CA 94102
Contact Person: Tara ne Moayed
Phone Number: (415) 551-4377 E-mail: tm ay e@s fwa e r.org

Section 2. Contractor Information

Contractor Name: County of Ventura Vendor No.: 0000022183
Contractor Address: Ventura County IT Service Dept / 100, Ventura CA 93009
Contact Person: Sandra Nanalis (Sandra.Nanalis@ventura.org) Contact Phone No.:

Section 3. Transaction Information

Date Waiver Request Submitted: 4/9/18 Type of Contract: GARTNER CORE RESEARCH ANNUAL RENEWAL Subscription
Contract Start Date: 5/1/18 End Date: 4/30/19 Dollar Amount of Contract: \$ 29,120.00

Section 4. Administrative Code Chapter to be Waived (please check all that apply)

[X] Chapter 12B
Chapter 14B Note: Employment and LBE subcontracting requirements may still be in force even when a 14B waiver (type A or B) is granted.

Section 5. Waiver Type (Letter of Justification must be attached, see Check List on back of page.)

- A. Sole Source
B. Emergency (pursuant to Administrative Code §6.60 or 21.15)
C. Public Entity
D. No Potential Contractors Comply (Required) Copy of waiver request sent to Board of Supervisors on:
[X] E. Government Bulk Purchasing Arrangement (Required) Copy of waiver request sent to Board of Supervisors on: 4/9/18
F. Sham/Shell Entity (Required) Copy of waiver request sent to Board of Supervisors on:
G. Subcontracting Goals
H. Local Business Enterprise (LBE)

CMD/HRC ACTION
12B Waiver Granted: [check] 14B Waiver Granted:
12B Waiver Denied: 14B Waiver Denied:
Reason for Action: ACCESS PROVIDED TO LICENCE FOR SPECIALIZED TECHNICAL SUBSCRIPTION THROUGH GOVERNMENT BULK PURCHASING AGREEMENT (S.F. CODE SEC. 21.16)
CMD Staff: [Signature] Date: 4-10-18
CMD Director: [Signature] Date:
HRC Director (12B Only): Date:

## Mchugh, Eileen (BOS)

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**From:** Board of Supervisors, (BOS)  
**Sent:** Tuesday, April 10, 2018 9:24 AM  
**To:** BOS-Supervisors  
**Subject:** FW: Hello, Rise in the number of homeless in our streets

**From:** Nancy J [mailto:civetcat002@gmail.com]  
**Sent:** Monday, April 09, 2018 5:38 PM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** Hello, Rise in the number of homeless in our streets

Hello,

My name is Nancy Jiang, and I am a small business owner running a small tourist resort. Recently, there has been a notable decline in the number of tourists visiting San Francisco. Consequently, business has slowed down. We have made losses in the past three quarters. I have a staff of 12 employees, and even though we have not laid-off any of them, I am afraid if the trend persists, we will have no choice but to resize our workforce.

While there are many factors that could have contributed to the decline in the number of tourists, I believe the unprecedented increase in the number of homeless is a major contributor to the decline. A city as beautiful as ours should not have a problem attracting tourists. In fact, the city attracts nearly twenty-five million tourists each year and supports more than eighty thousand jobs. However, the rise in the number of homeless in our streets is tarnishing the reputation of San Francisco as a clean and beautiful city. The loss in reputation is contributing to the decline in the number of tourists. I ask your urgent assistance in solving this issue of rising homeless people in our streets. As a government, I believe you have the power and the resources to solve the problem. As a member of the business community, I am willing to engage with you to brainstorm alternatives that would help us to solve this challenge quickly. The future of our business and that of the families that earn a living from the business depend on the speedy resolution of this challenge.

Yours faithfully

Nancy Jiang

## Mchugh, Eileen (BOS)

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:41 PM  
**To:** BOS-Supervisors; Major, Erica (BOS)  
**Subject:** FW: Sidewalk safety and Vision Zero enforcement

**From:** Andre Clark [mailto:j.andre.clark@gmail.com]  
**Sent:** Wednesday, April 11, 2018 8:43 AM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** Sidewalk safety and Vision Zero enforcement

Dear Board of Supervisors,

I think everyone would agree that increasing safety for pedestrians on the streets and sidewalks of San Francisco is a very high priority. But I sure don't see much law enforcement taking place. I'll bet that the answer is budget constraints, but I really don't understand this response. If it costs \$200 per hour for an officer to work overtime, they could surely write tickets in an amount that far exceeds their hourly cost. So it seems to me it's not a cost issue, but a budgeting issue.

Finally, I am hopeful that SFPD will start ticketing riders of e-scooters, motorized bicycles and skateboards who illegally ride on sidewalks. Per the CA DMV "A motorized scooter may be operated on a bicycle path, trail or bikeway, **but not on a sidewalk.**" Motorized vehicles should never be allowed on sidewalks.

Many thanks for your consideration,  
Jonathon Clark

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**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 12:46 PM  
**To:** BOS-Supervisors  
**Subject:** FW: Lombard Street

-----Original Message-----

From: Christine Harris [mailto:christinelynnharris@yahoo.com]  
Sent: Friday, April 13, 2018 11:29 AM  
To: Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
Subject: Lombard Street

Hello Honourable Board of Supervisors,

Thank you for all that you do.

Is there a possibility of making it illegal for drivers to make a left turn on Lombard Street in the Marina/Cow Hollow?

This street is congested, and it disrupts the flow of traffic. It's only getting worse with the population growth here in San Francisco.

Many thanks.



Kindly,  
Christine Harris

---

**From:** Board of Supervisors, (BOS)  
**Sent:** Friday, April 13, 2018 5:41 PM  
**To:** BOS-Supervisors  
**Subject:** FW: Baykeeper Letter of Support for Clipper Cove Resolution  
**Attachments:** 2018.04.11 Letter to Supervisors re Clipper Cove Resolution Final w Att.pdf

**From:** Erica Maharg [mailto:erica@baykeeper.org]  
**Sent:** Wednesday, April 11, 2018 11:36 AM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Cc:** Hunter Cutting <huntercutting@gmail.com>; Breed, London (BOS) <london.breed@sfgov.org>; Cohen, Malia (BOS) <malia.cohen@sfgov.org>; Stefani, Catherine (BOS) <catherine.stefani@sfgov.org>; Fewer, Sandra (BOS) <sandra.fewer@sfgov.org>; Kim, Jane (BOS) <jane.kim@sfgov.org>; Peskin, Aaron (BOS) <aaron.peskin@sfgov.org>; Ronen, Hillary <hillary.ronen@sfgov.org>; Safai, Ahsha (BOS) <ahsha.safai@sfgov.org>; Sheehy, Jeff (BOS) <jeff.sheehy@sfgov.org>; Tang, Katy (BOS) <katy.tang@sfgov.org>; Yee, Norman (BOS) <norman.yee@sfgov.org>  
**Subject:** Baykeeper Letter of Support for Clipper Cove Resolution

Dear San Francisco Board of Supervisors,

Please find attached letter of support from San Francisco Baykeeper for the resolution related to development of Clipper Cove.

Thank you,

**Erica Maharg**  
**Managing Attorney**  
**San Francisco Baykeeper**  
1736 Franklin St., Suite 800  
Oakland, CA 94612  
Office: 510-735-9700, x106  
Fax: 510-735-9160

*Protecting San Francisco Bay from pollution since 1989*  
[www.baykeeper.org](http://www.baykeeper.org)  
@sfbaykeeper

April 11, 2018

San Francisco Board of Supervisors  
1 Dr. Carlton B. Goodlett Place  
City Hall, Room 244  
San Francisco, CA 94102-4689  
Email: [Board.of.Supervisors@sfgov.org](mailto:Board.of.Supervisors@sfgov.org)

**Re: Support of Clipper Cove Resolution**

Dear San Francisco Board of Supervisors

I write on behalf of San Francisco Baykeeper (“Baykeeper”) in support of the resolution responding to the recent proposal to expand the private marina located in Clipper Cove at Treasure Island and reaffirming San Francisco’s commitment to public recreation, public education, environmental protection, preservation of public open space, and social equity, introduced by Supervisor Jane Kim introduced on April 3, 2018.

Baykeeper is a non-profit organization that works to protect and enhance the water quality and natural resources of San Francisco Bay, its tributaries, and other waters in the Bay Area, for the benefit of its ecosystems and communities. Baykeeper has over 5,000 members and supporters, many of whom use San Francisco Bay on a regular basis for recreation, including sailing, kite surfing, swimming, and kayaking. Our mission is not only to ensure that the Bay is safe and healthy to recreate in the Bay, but also to work to protect and promote public access.

On October 2, 2016, Baykeeper sent a letter to Hunter Cutting with Save Clipper Cove noting our opposition to and concern with the proposed marina expansion project at Clipper Cove on Treasure Island (“Project”). (*See Attachment*). On October 9, 2017, Baykeeper sent a follow-up letter to Treasure Island Development Authority (“TIDA”) Board of Directors reiterating and incorporating our earlier comments and expressing additional concerns relating to the Project. (*See Attachment, Exhibit A*). In the second letter, Baykeeper was primarily concerned with the Project’s adverse impacts to youth programs that take place at Clipper Cove and the outdated and inadequate environmental review for the Project.

We remain concerned about the same issues and believe that the San Francisco Board of Supervisors should act proactively to define what type of development at Clipper Cove is appropriate. The resolution proposed by Supervisor Kim outlines the principles for Clipper Cove development that will preserve access for beginning sailors and students, as well as protect important environmental resources. We urge the San Francisco Board of Supervisors to adopt the resolution.

One of our main concerns is preserving access for beginning sailors and those in the sailing STEM program. Clipper Cove houses San Francisco’s only community sailing center, the Treasure Island Sailing Center. This program provides access for thousands of youth to sailing opportunities, including a sailing STEM program, which serves over 1,500 elementary schoolers each year in San

Baykeeper  
Page 2  
April 10, 2018

Francisco Unified School District. It is necessary that the Sailing Center activities not be displaced by development, in order to retain protected and calm water for beginning sailors.

Another main concern of ours is the protection of eelgrass beds. Eelgrass exists underwater in the southern portion of Clipper Cove. Native eelgrass provides habitat for wildlife in the San Francisco Bay and is one of the rarest habitats in California. The National Marine Fisheries California Eelgrass Mitigation Policy requires no net loss of eelgrass habitat in California. Changing siltation in Clipper Cove could impact existing eelgrass beds and wave attenuators, marina docks, and boats in the marinas have the potential to affect eelgrass adversely.

In conclusion, we support Supervisor Kim's proposed resolution. We believe the resolution sets out sound planning principles and criteria for marina redevelopment in Clipper Cove. We also that the resolution identifies where more study is required and calls for that study. The waters of Clipper Cove are held in trust for the public benefit of the people of California, and Baykeeper wishes to preserve public access to and environmental protection of Clipper Cove. If you have any questions, please contact me at [erica@baykeeper.org](mailto:erica@baykeeper.org).

Yours Truly,

  
Erica A. Maharg  
Managing Attorney

cc: Hunter Cutting, Save Clipper Cove, [huntercutting@gmail.com](mailto:huntercutting@gmail.com)  
Supervisor London Breed, [London.Breed@sfgov.org](mailto:London.Breed@sfgov.org)  
Supervisor Malia Cohen, [Malia.Cohen@sfgov.org](mailto:Malia.Cohen@sfgov.org)  
Supervisor Catherine Stefani, [Catherine.Stefani@sfgov.org](mailto:Catherine.Stefani@sfgov.org)  
Supervisor Sandra Lee Fewer, [Sandra.Fewer@sfgov.org](mailto:Sandra.Fewer@sfgov.org)  
Supervisor Jane Kim, [Jane.Kim@sfgov.org](mailto:Jane.Kim@sfgov.org)  
Supervisor Aaron Peskin, [Aaron.Peskin@sfgov.org](mailto:Aaron.Peskin@sfgov.org)  
Supervisor Hillary Ronen, [Hillary.Ronen@sfgov.org](mailto:Hillary.Ronen@sfgov.org)  
Supervisor Ahsha Safai, [Ahsha.Safai@sfgov.org](mailto:Ahsha.Safai@sfgov.org)  
Supervisor Jeff Sheehy, [Jeff.Sheehy@sfgov.org](mailto:Jeff.Sheehy@sfgov.org)  
Supervisor Katy Tang, [Katy.Tang@sfgov.org](mailto:Katy.Tang@sfgov.org)  
Supervisor Norman Yee, [Norman.Yee@sfgov.org](mailto:Norman.Yee@sfgov.org)



# ATTACHMENT



October 9, 2017

Board of Directors  
Treasure Island Development Authority  
One Avenue of Palms, Suite 241  
San Francisco, CA 94130  
Email: [Bob.Beck@sfgov.org](mailto:Bob.Beck@sfgov.org)

**Re: Clipper Cove Marina Expansion**

Dear TIDA Board of Directors:

On October 2, 2016, San Francisco Baykeeper (“Baykeeper”) sent a letter to Hunter Cutting with Save Clipper Cove noting our opposition to and concern with the proposed marina expansion project at Clipper Cove on Treasure Island (“Project”). (See attached as Exhibit A). Baykeeper was primarily concerned about the impacts to the present users from the proposed development and the outdated and inadequate environmental review of the Project. Although the Project has changed, we remain concerned about the same issues. Thus, we reiterate and incorporate those earlier comments herein, and are writing to express the following additional concerns.

First, Baykeeper remains concerned that the Project will have adverse impacts on the important youth programs that take place at Clipper Cove. These programs allow youth (and adults) to interact with the Bay, cementing a knowledgeable and caring relationship with the Bay going forward. The Treasure Island Sailing Club has noted that the space available for their programs after the proposed Project is the *minimum* needed for their programs. However, the Project will certainly impact the sailing programs. The Project will take 32% of the area currently used by the Sailing Club and other recreationalists, significantly reducing the area available. In addition, as planned, the Project will cause changes in Clipper Cove that may not allow many beginners to sail there. Finally, with the proposed Project there is no room for these programs to grow, while the need for safe places to access the Bay will certainly grow.

Second, we are concerned that the EIR for this Project is now 11 years old. No supplemental EIR has been prepared, yet the baseline conditions and the Project have changed significantly since the EIR was prepared. In our original letter, Baykeeper noted that the EIR fails to analyze water quality impacts from increasing motorized boat use. Moreover, the EIR does not consider the impacts of this Project on the eelgrass beds in Clipper Cove. The dredging necessary for this Project could likely have a negative impact on the eelgrass beds, but that impact was not evaluated in the EIR. Before approving this Project, the California Environmental Quality Act requires TIDA analyze and mitigate for these impacts.

Third, we are concerned about the economic viability of the Project. The economic model relies on renting the live-aboard slips for over \$3,000 per month, which is over three times the rental fee for any other marina in the Bay. It is unclear that this business model is sustainable, and Baykeeper is concerned about the environmental and recreational impacts to Clipper Cove if the Project is unsuccessful or if it is unable to go beyond Phase 1. For example, will there be additional

Baykeeper  
Page 2  
October 9, 2017

environmental impacts or additional impacts to current recreational users if the Project is unsuccessful or only implements Phase 1? It is important that these potential impacts be analyzed before approving the Project.

In conclusion, while considering this Project, we urge you to ensure that access for current and potential recreational users, as well as the water quality and natural plant communities, are protected. The current plan for the Project does not appear to do so. If you have any questions, please contact me at [erica@baykeeper.org](mailto:erica@baykeeper.org).

Yours truly,

  
Erica A. Maharg  
Managing Attorney

CC: Supervisor Jane Kim, [Jane.Kim@sfgov.org](mailto:Jane.Kim@sfgov.org)

# EXHIBIT A

October 2, 2016

Hunter Cutting  
Save Clipper Cove  
Email: [huntercutting@gmail.com](mailto:huntercutting@gmail.com)

Dear Mr. Cutting:

Thank you for informing me about the proposed expansion of Clipper Cove Marina (“Project”) located on Treasure Island. After reviewing the proposed Project and the environmental impact report (“EIR”) prepared for the Project, Baykeeper shares your concerns about the marina expansion. As described in greater detail below, Baykeeper is concerned about the impact the Project will have on present recreational users of Clipper Cove and whether the EIR prepared for the Project adequately evaluates and mitigates for the environmental impacts of the Project as currently proposed.

Baykeeper is a non-profit organization that works to protect and enhance the water quality and natural resources of San Francisco Bay, its tributaries, and other waters in the Bay Area, for the benefit of its ecosystems and communities. Baykeeper has over 5,000 members and supporters, many of whom use San Francisco Bay on a regular basis for recreation, including sailing, kite surfing, swimming, and kayaking. Our mission is not only to ensure that the Bay is safe and healthy to recreate in the Bay, but also to work to protect and promote public access.

**1. The Marina Expansion Will Negatively Impact Present Users’ Access to and Enjoyment of Clipper Cove.**

Baykeeper is concerned that the marina expansion will deprive present and future users of Clipper Cove of a safe and accessible place to access the Bay. Clipper Cove has become a community asset where many people access the Bay for recreation. The Treasure Island Sailing Center, through its many programs, gets thousands of people sailing out on the water every year. Most impressively, many low-income youth have a chance to learn how to sail, a chance that in all likelihood they would not have without the Center and Clipper Cove.

By teaching kids how to sail, the Treasure Island Sailing Center is creating a future generation of people who understand the value of the Bay and will work to protect this vital public resource. The San Francisco Bay Plan specifically recognizes the importance of recreation to conservation: “Participating in recreation activities on the Bay and along its shoreline can inspire an appreciation of the Bay and can motivate people to participate in the responsible management and protection of the Bay.” (San Francisco Bay Plan, reprinted March 2012, at p. 58.)

The current layout of Clipper Cove, with a smaller marina in the northwest corner, provides enough area for the Treasure Island Sailing Center to conduct sailing lessons in a safe way. Moreover, it provides a large area for non-motorized watercraft, such as kayaks and stand-up

paddleboards. The current proposal for the Project, by greatly expanding the footprint of the marina, will significantly reduce the area available for sailing instruction and non-motorized watercraft. Further, the increased boat traffic due to the expanded marina will likely increase the potential for accidents between new sailors and marina users. Any agency approving the Project should closely look to ensure that sailors and non-motorized watercraft users will not be threatened by increased traffic through Clipper Cove.

Baykeeper understands that there is a lack of sufficient marina space in San Francisco Bay, and we generally support efforts to increase public access, including marinas, in the Bay. However, Clipper Cove already has a thriving community of recreational users. Any expansion or modification of Clipper Cove must ensure that the present users can continue to recreate there in a safe and fun way. It appears that, in order to do that, the Project as currently proposed should decrease its footprint, either by reducing the number of berths or decreasing the size of the berths.

## **2. The 2006 EIR Should Likely Be Revised to Consider Changes at Clipper Cove and the Proposed Project.**

An EIR for the Project was prepared in 2006, about ten years ago. The age of the EIR calls into question whether the analysis in the document is still accurate. Conditions at the site likely have changed, such as increased recreation use or changes in biological resources. Moreover, the Project evaluated in the EIR appears to have been modified in the latest proposal. Although the number of slips at the marina has remained the same, the marina's footprint has significantly expanded. These changes could cause increased impacts, such as impacts to water quality and public safety as a result of increased conflicts between motorized and non-motorized watercraft.

Where a project for which an EIR has been prepared is later modified or the circumstances under which it is to be carried out change, a subsequent or supplemental EIR may be required. (*See* Pub. Res. Code § 21166; *Save Our Neighborhood v. Lishman* (2006) 140 Cal.App.4th 1288, 1295 (*Save Our Neighborhood*)). Public Resources Code section 21166 provides that a subsequent or supplemental EIR shall be required if substantial changes are proposed in the project, or occur with respect to the circumstances under which the project will be undertaken, which require major revisions to the EIR, or if new and previously unknown information becomes available. (Pub. Res. Code § 21166; *see also* 14 Cal. Code Regs. §§ 15162-15164.)

Any agency approving the Project should evaluate the changes in the Project and the changes at the site since the EIR was certified to determine whether a subsequent EIR should be prepared. Preparing a supplemental EIR will ensure public participation in the Project and will provide decisionmakers with the information needed to make an informed decision, meeting the purposes of CEQA. (*See Woodward Park Homeowners Assn., Inc. v. City of Fresno* (2007) 150 Cal. App. 4th 683, 691 [The basic purposes of CEQA are “to inform the public and decision makers of the consequences of environmental decisions before those decisions are made,” and “to protect and maintain California’s environmental quality.”].)

Baykeeper is particularly concerned about the potential water quality impacts of increasing motorized boat traffic at Clipper Cove. Motorized boats can pollute the water with oil and gas; in addition, detergents, sewage, metals, and other pollutants can discharge depending on how the boat

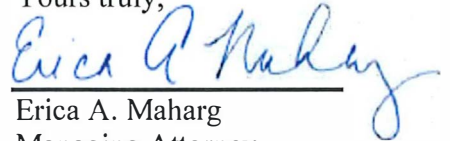
October 2, 2016

Page 3

is maintained. It does not appear that the 2006 EIR considered these impacts at all. (See EIR, Chapter 4.) The San Francisco Bay Plan prohibits any new marina or marina expansion “unless water quality and circulation will be adequately protected and, if possible, improved.” (San Francisco Bay Plan at 62.) The EIR does not provide sufficient analysis to make this finding, and any agency approving the Project must fill this information gap prior to approval.

In short, before finalizing approval of the Project, the responsible agencies should ensure that any proposal protects current users and the character of Clipper Cove marina as a community resource. Moreover, Baykeeper asks any agency to make sure that increased use will not impact the water quality of the area. If you have any questions, please contact me at [erica@baykeeper.org](mailto:erica@baykeeper.org).

Yours truly,



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Erica A. Maharg  
Managing Attorney

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**From:** Board of Supervisors, (BOS)  
**Sent:** Monday, April 16, 2018 9:01 AM  
**To:** BOS-Supervisors  
**Subject:** FW: multiple car break-ins while visiting SF

---

**From:** Eliot A BRENOWITZ [mailto:eliotb@uw.edu]  
**Sent:** Saturday, April 14, 2018 12:05 PM  
**To:** Board of Supervisors, (BOS) <board.of.supervisors@sfgov.org>  
**Subject:** multiple car break-ins while visiting SF

Dear Madam/Sir:

My family and I visited SF this past week for what we hoped would be a fun vacation during my daughter's spring break from school. The visit, however, turned out to be a disturbing and very costly experience with rampant crime in SF. On the last day of our visit, when we had checked out of our rental unit and had our luggage in the trunks of rented cars, we experienced break-ins of two different cars within a few hours during the same day, in two different city locations. We lost all of our luggage, including prescription medications and dental retainers for my wife and daughter that are difficult and costly to replace. We also lost clothing, shoes, electronics, and other items that will cost us \$1500-2000 to replace.

We are not naive country folk who aren't savvy to the ways of big city life. I grew up in NYC, I lived in Los Angeles for five years, I lived in SF for one year (1977), and we have lived in Seattle for 25 years. We have frequently visited SF over the years, since we used to have fond feelings for the city. I have worked and lived in third world countries in Africa and Central America. We understand that cars are vulnerable to break-in, and we take appropriate steps to protect our possessions. We don't leave items in plain sight when we leave cars parked on the road, if we have luggage we lock it in the trunk, we always activate the alarm. We took all of these steps in SF and yet were broken into within one hour of leaving the car parked in two different locations. In both events, we parked on streets where there was regular traffic, people walking by, residents in nearby buildings, and better cars close to where we parked. The first break-in took place on Page St., at the intersection with Central Ave. at about 10:30AM; we parked our Kia SUV behind a Mercedes. In that event, we came back to find a rear window smashed and my daughter's backpack stolen. After we spent an hour on the phone with SFPD and Enterprise Car Rental, we exchanged the Kia for a small, inconspicuous Hyundai compact. We parked on Hancock near Church by Mission Dolores Park to have lunch and recover from the first break-in. When we returned to that car after less than one hour at 3:00PM, we again found the rear window smashed and this time all the rest of our luggage had been stolen by folding down the rear seats. As our return flight to Seattle departure time was approaching, we drove to the airport with my wife sitting on the rear seat covered with broken glass and being sand-blasted by shattered glass.

We will seek reimbursement for our loss of personal property, which we estimate to be about \$2000, from Enterprise Rental Car Co. But I predict that they will waive us off and say that they are not liable for theft. We therefore stand a good chance of incurring a \$2000 loss, in addition to the time it will take to replace the lost items. This is a poor return on our investment for our four day visit to SF.



It is deeply disturbing to have been victimized this way twice on the same day, and suggests that SF is not able to control this type of crime or protect its visitors and residents. Protecting residents and visitors is a core function of government and SF is failing. Upon our return to Seattle we went online and found many articles in local SF media about an "epidemic" of rental car break-ins, with 30,000 cars broken into just in 2017. We feel that both the city gov't of SF and Enterprise Car Rental Co. failed to protect our safety and property by not warning us of the high risk of theft in SF, by not posting signs in the airport, the rental car, or on streets advising visitors of the risks. In Seattle, certain areas prone to break-ins have "High car prowler area" signs, like this one:

<https://www.myparkingsign.com/Parking-Lot-Signs/Remove-Valuables-Lock-Vehicle-Sign/SAF-SKU-K-4609.aspx>

We saw no signs like this in SF, even in heavily touristed areas. The rental agencies need to adequately warn customers of the risks, and provide car security systems that are effective in discouraging break-ins, like window alarms. The Mayor's office and SFBOS should hold rental companies to a higher standard of accountability than the token, boiler-plate text about locking doors and removing valuable that is buried deep in the contract text that no tired traveler reads upon arrival at SFO. They city should also provide secured parking options in areas with high break-in risk, whether these be paid parking lots that are monitored, increased SFPD presence, enhanced video surveillance, and/or an option to rent car window alarms at car rental offices.

Tourism brings a great deal of money and jobs to SF (In 2014, \$665M in taxes, \$10.67B spent, and 87,000 jobs created). In return for the economic stimulus that we provide, SF needs to provide us with a minimal level of safety, and assurance that most of us will end our visits with as much property as we began them, if not more from purchases made in SF. I don't regard a visit in which I lose all of my possessions as a good return on my investment in SF. I don't expect that my daughter will leave SF traumatized by losing her personal property and violated by the proximity to violent crime. It goes without saying that we will not visit SF for future vacations. My wife and I have been contemplating SF as a possible place to retire, but not anymore. I will tell the Travel Office at the university where I work to alert all employees of the risks of traveling to SF, given your city's inability to prevent break-ins on busy streets in the middle of the day (!). I will go on various online travel forums and warn potential visitors to SF of our experience. By failing to bring this rampant car theft under control, you are clearly jeopardizing this important source of economic activity as word spreads about the dangers of visiting SF.

In closing, I will say that for my work as a university biologist, I have lived in various third world countries, including Kenya, Tanzania, Panama, Costa Rica, and Mexico. I have never felt as directly exposed to the risk of violent crime in any of these cities as I did on our last day in SF this week. I never thought I would have to say this about SF, a city I have known well for decades. In your place, I would regard this as an existential threat and devote more of your ample tax income to taking effective steps to get on top of this crime situation and ensure visitors' safety. Your city is in a crisis situation if a random tourist family experiences two car break-ins within a few hours on the same day. Time for SF to start acting like there's a crisis.

Sincerely,  
Eliot Brenowitz, PhD.

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Eliot Brenowitz, Professor

Departments of Psychology and Biology  
Box 351525

University of Washington  
Seattle, WA 98195-1525  
Phone: 206-543-8534  
FAX: 206-685-3157  
Email: [eliotb@uw.edu](mailto:eliotb@uw.edu)