Impact of COVID-19 on SFPUC Finances

Rate Fairness Board
December 21, 2020

Kristina Alagar Cordero, Financial Planning Director
Agenda

• Overall SFPUC response to COVID

• COVID impact on
  • FYE 2020 Weekly Volumetric Deliveries
  • FYE 21 & 22 Volumetric Projections
SFPUC Response to COVID

- **COVID 19 Financial Resiliency Project - Goals**
  - Understand current and potential future financial impacts of the COVID-19 pandemic on SFPUC businesses.
  - Develop financial scenarios aligned with CCSF’s view of the economic outlook
  - Develop policies/interventions to support employees, customers and the community through the pandemic and subsequent economic recovery period and ensure long-term affordability of utility services

- **Immediate objectives**
  - Develop interventions for emergency customer assistance
  - Identify, pursue and support legislative opportunities/assistance
  - Rebalance budgets—FY20 and biennial FY20-21 & FY21-22
COVID Customer Assistance Program
Development Support

• Temporary suspension of retail customer shut offs for non payment through January 2021
• Development and implementation of Emergency Customer Assistance Programs
  • Responses developed based on data gathered
  • Programs and efforts developed collaboratively across SFPUC teams and business lines
  • Emergency Customer Support Programs for residential and commercial customers across all four business lines
COVID-19 SIP Impacts on Demand

- Initially significant demand reductions across all enterprises—decreased non-residential, increased residential
- FY21 & FY22 budget revision based on
  - Three-month SIP level demand during FY21
  - Gradual return of demand to near pre-pandemic levels by FY24
- Experience to date
  - Divergent demand impacts across enterprises and customer types
  - Wholesale water demand significantly above budget
  - Retail water demand above budget
  - Power and CleanPower at budget
COVID Impact on Wholesale Water
Weekly Volumetric Utility Deliveries

[Line chart showing Suburban Deliveries (MGD) from Jan 29 to Jun 24, with data points for different years (2008, 2013, 2015, 2017, 2019) and a target line represented by a dashed line. The chart indicates trends and comparisons over time.]
COVID Impact on Retail Water Weekly Volumetric Utility Deliveries

City Water Deliveries (MGD)

Jan 29 to Feb 4  Feb 5 to 11  Feb 12 to 18  Feb 19 to 25  Feb 26 to Mar 3  Mar 4 to 10  Mar 11 to 17  Mar 18 to 24  Mar 25 to 31  Apr 1 to 7  Apr 8 to 14  Apr 15 to 21  Apr 22 to 28  Apr 29 to May 5  May 6 to 12  May 13 to 19  May 20 to 26  May 27 to Jun 2  Jun 3 to 9  Jun 10 to 16  Jun 17 to 23  Jun 24 to 30

- 2008
- 2013
- 2015
- 2017
- 2019
- 2020
- Target
COVID Impact on Retail Water Weekly Volumetric Utility Deliveries

Weekly Water Sales Trends by Sector
Adjusted Data for Irrigation

change from prior week / cumulative change from shelter-in-place

Jan 26 to Feb 1  Feb 2 to 8  Feb 9 to 15  Feb 16 to 22  Feb 23 to 29  Mar 1 to 7  Mar 8 to 14  Mar 15 to 21  Mar 22 to 28  Mar 29 to Apr 4  Apr 5 to 11  Apr 12 to 18  Apr 19 to 25  Apr 26 to May 2  May 3 to 9  May 10 to 16  May 17 to 23  May 24 to 30  May 31 to Jun 6  Jun 7 to 13  Jun 14 to 20  Jun 21 to 27

-3%  1%  1%  2%  2%  2%  7%  0%  0%  -1%  1%  2%  1%  1%  -2%  0%  1%  0%  0%  0%  0%  -2%/8%

-3%  5%  -1%  6%  -2%  -11%  -30%  -9%  -1%  -4%  10%  7%  3%  6%  -4%  2%  9%  5%  2%  3%/2%/-2%

9%  6%  14%  3%  -7%  -7%  -6%  1%  -8%  13%  12%  8%  4%  -3%  -1%  15%  -1%  3%  1% -2%/30%

Residential  Nonresidential  Wholesale
COVID Impact on CleanPowerSF
Weekly Electric Loads

[Graph showing weekly electric loads with load (MWh) on the y-axis and time periods on the x-axis. The graph includes lines for different categories: Res (Pre-SIP), Res (Post-SIP), Non-Res (Pre-SIP), and Non-Res (Post-SIP).]
COVID Impact on Hetch Hetchy Power
Weekly Electric Loads

HHP Weekly Load Trend - Feb 1 through Jul 3
COVID Impact on Water Volumetric Projections

- Retail Pre COVID
- Retail Post COVID
- Wholesale Pre COVID
- Wholesale Post COVID

Total Sales (MGD)

FY 20
FY 21
FY 22
COVID Impact on Wastewater Volumetric Projections

![Graph showing Billed Sewer Discharge Volume (MGD) for FY 20, FY 21, and FY 22, comparing Pre COVID-19 and Post COVID-19 data.](image-url)
COVID Impact on Hetch Hetchy Load Projections

Pre COVID-19  Post COVID-19

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<th>Year</th>
<th>Total Sales (MWH)</th>
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<tr>
<td>FY 20</td>
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<tr>
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<tr>
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COVID Impact on CleanPowerSF Load Projections

- Pre COVID-19
- Post COVID-19

<table>
<thead>
<tr>
<th>Year</th>
<th>Pre COVID-19</th>
<th>Post COVID-19</th>
</tr>
</thead>
<tbody>
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<tr>
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<tr>
<td>FY 22</td>
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COVID Impact on FYE 20 Budget Variance

- **Retail Water**
  - Sales were $291.9M, a $7.3M or 2.4% decrease from budget of $299.3M
  - Volumes were 59.3 MGD, a 1.1% decrease from budget of 60.0 MGD, driven by decreased non-residential sales.

- **Wholesale Water**
  - Sales were $270.6M, a $5.6M or 2.1% increase from budget of $264.9M
  - Volumes were 131.8 MGD, a 1.4% increase from budget of 129.9 MGD.

- **Wastewater**
  - Sales were $338.4M, a $12.1M or 3.5% decrease from budget of $350.5M
  - Volumes were 48.5 MGD, a 2.1% decrease from budget of 49.5 MGD.

- **Hetch Hetchy**
  - Electric sales were $144.5M, a $21.7M or 13.1% decrease from budget of $166.2M
  - Sales were lower than budget mainly due to load reduction and lower expected sales.

- **CleanPowerSF**
  - Electric sales were $243.1M, a $21.9M or 9.9% increase from budget of $221.1M
  - Sales were greater than budget due to higher sales volume and rates than budgeted.