Achieving Excellence

- What is the CAFR?
- What does it take to achieve the award?
- Why is the award important?
What is the CAFR Report?

- Introduction
- Financial Statements
- Statistical Information
- Capacity Charge Funds
- Continuing Disclosure
What does it take to achieve the award?

- Unmodified (clean) audit opinion
- Acceptance by an impartial panel of judges
- Maintain a strong understanding of the 3,500 pages of regulations
Why is this Award Important?

- Supports investment in our bonds and commercial paper
- Sets District apart from other W/WW agencies to obtain lowest rates
- Motivates staff to continue to excel
Maintaining Excellence

- Looking back through the archives, the District’s audited financial statement has received a clean opinion each year since 1949.
After we mailed our audited financial statements, we received the following email from Bank of America on October 2, 2019

Impressive to have your audit available this early. You all will make your investors very happy!
Extend Standby Bond Purchase Agreements for VRDBs Series 2008A-1 and A-4

Finance/Administration Committee

October 22, 2019
## FY20 Finance Plan

<table>
<thead>
<tr>
<th>Description</th>
<th>Issue/Approximate Size</th>
<th>Date of Board Action</th>
<th>Pricing or Issuance Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Extend Wells Fargo Standby Bond Purchase Agreement</td>
<td>$57 million</td>
<td>10/22/19</td>
<td>11/30/19</td>
</tr>
<tr>
<td>2. No new money Revenue Bonds anticipated</td>
<td>Water: None</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>Wastewater: None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Pursue State Revolving Fund or WIFIA loans</td>
<td>As appropriate</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>4. Issue refunding and de-risking financings</td>
<td>Based on market</td>
<td>TBD</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>opportunities</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Liquidity Providers for Series 2008A Bonds

- The Water System Series 2008A bonds are variable rate bonds backed by liquidity facilities known as Standby Bond Purchase Agreements (SBPAs)
- The current SBPA providers are Wells Fargo & US Bank

<table>
<thead>
<tr>
<th>Series</th>
<th>Liquidity Provider</th>
<th>Principal Outstanding (000)</th>
<th>Term End</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008 A-1</td>
<td>Wells Fargo</td>
<td>$32,395</td>
<td>12/9/19</td>
</tr>
<tr>
<td>2008 A-4</td>
<td>Wells Fargo</td>
<td>$24,285</td>
<td>12/9/19</td>
</tr>
</tbody>
</table>
Extend Wells Fargo Liquidity

- The $57 million Wells Fargo Standby Bond Purchase Agreements backing the Water System 2008A-1 and A-4 variable rate bonds expire on December 9, 2019
- Wells Fargo has proposed a three year extension with an annual commitment fee of 30 basis points (0.30%) -- higher than the current 27 basis point fee
- The District’s financial advisor analyzed the fee proposal and considers it low in the current market
- Furthermore, changing liquidity providers would entail additional transaction costs of $110,000
- Based on our financial advisor’s analysis, staff recommends extending the existing agreements for three years
Recommendation

- Authorize documents associated with extending the Standby Bond Purchase Agreements with Wells Fargo for three years at a fee of 30 basis points per year
Upcoming Long-Term Financial Stability Related Activities

Board of Directors

October 22, 2019
Upcoming Water Rate Activities

- FY21 System Capacity Charge (SCC) Update
  - Consultant (Stantec) study to update methodology and basis of SCC October 2019
  - Final recommendations in May 2020 with adoption in June 2020

- Near Term Rate Change Alternatives
  - Discussion planned for May 2020 Board Rate Workshop
  - Fixed fee on property tax bill, fixed/variable mix, tiers, and water budgets
  - Discuss possible update to cost of service study
Other Linked District Activities

- January 2020 Board Workshop
  - Customer Assistance Program Status Update - outreach and city sewer collection charges
- February 2020 Long-Term Water Supply Update
  - Water Demand Study will establish the water use assumptions
  - Urban Water Management Plan 2020 Update
  - Update on Advanced Metering Infrastructure (AMI) and CA Conservation Regulations on Indoor and Outdoor Water Use
    - AMI and regulations on water use can influence how water budget based rates or other rates structures could be implemented
Public Safety Power Shutoff
October 2019 Event Summary

Board of Directors
October 22, 2019
Timeline

- Tuesday, October 8
  - 8:30 am: PG&E confirms PSPS event
  - 12:00 pm: PG&E indicates Phase 1 will begin at midnight and Phase 2 (East Bay) will begin at noon (October 9)

- Wednesday, October 9
  - 12:00 am: PG&E begins de-energization of Phase 1 (513K customers)
  - 12:00 pm: Phase 2 delayed until 8 pm – 10 pm
  - 10:30 pm: Confirmation of de-energization
  - 10:40 pm: De-energization begins
Timeline

• Thursday, October 10
  – 3:30 am: All facilities de-energized
  – 4:00 pm: Power restoration begins

• Friday, October 11
  – 3:00 pm: Power restoration complete
  – 4:00 pm: Emergency Operations Team deactivated
### Affected Facilities

- Orinda Watershed Headquarters and Lafayette Recreation Area de-energized
- Approximately 140 facilities de-energized

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Expected</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Treatment Plants</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Distribution Pumping Plants</td>
<td>45</td>
<td>46</td>
</tr>
<tr>
<td>Distribution Reservoirs</td>
<td>30</td>
<td>32</td>
</tr>
<tr>
<td>Flow Control Facilities</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Raw Water Pumping Plants</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>
Pressure Zones Affected by PSPS
PSPS By the Numbers

• Back-up Equipment
  – 27 portable generators
  – 2 stationary generators
  – 4 portable pumps

• Labor Hours
  – Total: 2,421 hours
  – Overtime: 351 hours OT
Outreach Efforts

- Sent two media advisories and one press release to 96 contacts
- Sent emergency notifications to:
  - Elected officials and stakeholders in affected areas
  - 6 posts to Twitter and Facebook
  - 28,378 accounts via WaterSmart
  - 58,893 residences via Nextdoor

“[EBMUD] had to take extra steps to make sure there was no interruption in service...that plan went off without a hitch.”
- KCBS Radio
Power Shutoff Page Views

Explorer Navigation Summary

Pageviews VS. Select a metric

Sep 26, 2019 - Oct 2, 2019: Pageviews

Primary Dimension: Page Page Title Other

<table>
<thead>
<tr>
<th>Page</th>
<th>Pageviews</th>
<th>Unique Pageviews</th>
<th>Avg. Time on Page</th>
<th>Entrances</th>
<th>Bounce Rate</th>
<th>% Exit</th>
<th>Page Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td></td>
<td>11,314 vs 0</td>
<td>10,077 vs 0</td>
<td>0:00:32 vs 0:00:00</td>
<td>8,541 vs 0</td>
<td>82.99% vs 0.00%</td>
<td>80.05% vs 0.00%</td>
<td>0.00% vs 0.00%</td>
</tr>
</tbody>
</table>
Affected Area Map Page Views

Usage details for the period:
September 9, 2019 - October 9, 2019

Item Views this Period
14,301

Usage Time Series
Customer Response to Messaging

- October 5-9 water demand vs October 10
  - PSPS Pressure Zones: 29% decrease
  - Non-PSPS Pressure Zones: 9% decrease
“It was such a relief to know that we had water flowing for our homes and firefighting!”
– Maile Dunn, Moraga

• City of El Cerrito Councilmember Gabriel Quinto
• City of Lafayette Emergency Preparedness Commission
• City of San Leandro Mayor Pauline Russo Cutter
• Office of Senator Kamala Harris
• CA State Assembly member Bill Quirk
• City of Berkeley Office of Emergency Services
• Kensington MAC
• Moraga-Orinda Fire District

“We appreciate your partnership!”
– Treva Reid, PG&E
Social Media Response

**W Ng @WhitNg**

1 day ago

THANK YOU @ebmud! No problems during power outage. Can you please take over PG&E?!

**jeaninoakland @jeaninoakland**

Oct 8

Unlike @PGE4Me, @ebmud has been trying to prepare for an outage like this. Oh, and their website is up. 
[ebmud.com/customers/aler...](http://ebmud.com/customers/aler...)

**Gene - Our Oakland @DIYGene**

Oct 10

Water flowing thanks to @ebmud and a generator

**Bill Quirk @AsmBillQuirk**

Oct 8

PGE has announced that power shut offs are to affect over 30 counties, including Alameda County. @ebmud is prepared for the anticipated power shut off. Are you?

**EBMUD @ebmud**

Are you ready for potential power shutoffs by @PGE4Me? EBMUD has prepared by topping off reservoirs and ensuring our backup equipment is ready to go...

Read More