ALAMEDA COUNTY WATER DISTRICT
43885 So. Grimmer Boulevard
Fremont, CA 94538

FINANCE COMMITTEE

AGENDA

Tuesday, March 16, 2021

3:30 p.m.

ACCESSIBLE PUBLIC MEETINGS: Upon request, ACWD will provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. Please send a written request at least 72 hours before the meeting to the District Secretary, ACWD, 43885 S. Grimmer Blvd., Fremont, CA 94538, or to gina.markou@acwd.com stating your name, mailing address, phone number, and brief description of the requested materials and preferred alternative format or auxiliary aid or service.


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1. Water Consumption Analysis
   Presenter: Martin Koran

2. Billing Adjustment Policy
   Presenter: Katrina Bates

3. Income and Budget Statements
   Presenter: Mariana Grajeda and Sydney Oam

4. Public Comments
FY 2020/21 WATER CONSUMPTION UPDATE
WATER CONSUMPTION

Residential Consumption (including Landscape)
By Fiscal Year By Month
FY2015/16, FY2018/19, FY2019/20, FY2020/21

Consumption (HCF)

Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun

Res FY2020/21
Res FY2019/20
Res FY2018/19
Res FY2015/16

March 16, 2021 Finance Committee
WATER CONSUMPTION

Commercial Consumption
(excluding Landscape)
By Fiscal Year By Month
FY2015/16, FY2018/19, FY2019/20, FY2020/21

Consumption (HCF)

- 500,000
- 400,000
- 300,000
- 200,000
- 100,000
- 0

Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun

Bus/Ind FY2020/21
Bus/Ind FY2019/20
Bus/Ind FY2018/19
Bus/Ind FY2015/16
Billing Adjustment Policy
(Addendum to Rate and Fee Schedule)

March 16, 2021
Presentation Overview

Presentation Purpose

- Review current Leak Adjustments and Unexplained Consumption policies

- Provide an overview of the proposed Billing Adjustment Policy to cover other scenarios
Current Policies

Leak Adjustment
- Provides information on process of obtaining a credit due to a customer side leak
- Credit 50% of excess consumption up to $200 (residential) or $500 (non-residential)
- Gives General Manager authority for exceptions

Unexplained Consumption
- Provides information on testing the accuracy of water meters
- Includes billing adjustments for faulty meters
- Bill will be reduced to the customer’s average historical usage for the same billing period
## Organizations Surveyed

<table>
<thead>
<tr>
<th>Organization</th>
<th>Duration/Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calaveras County Water District</td>
<td>12 months up to $1,000</td>
</tr>
<tr>
<td>City of San Jose</td>
<td>6 months, no limit</td>
</tr>
<tr>
<td>City of Santa Clara</td>
<td>12 months, no limit</td>
</tr>
<tr>
<td>City of Santa Cruz</td>
<td>12 months, no limit</td>
</tr>
<tr>
<td>Contra Costa Water District</td>
<td>2 years, 50% to 100% depending on cause</td>
</tr>
<tr>
<td>Dublin San Ramon Services</td>
<td>2 billing cycles up to $1,000, once every 3 years</td>
</tr>
<tr>
<td>EBMUD</td>
<td>3 years, no limit</td>
</tr>
<tr>
<td>SFPUC</td>
<td>12 months, no limit</td>
</tr>
</tbody>
</table>
Goal

Establish Board-Approved policy for billing adjustments:

- Transparency in our adjustment process
- Eliminate the guess work to existing policies
- Set parameters for unique circumstances
Adjustment Policy

- Customer shall notify the district within 10 calendar days from the date the District mailed the late fee notice.

- Adjustments will apply to a maximum one year look back period from date of discovery.

- In the case of crossed meters, District would adjust both parties up to one year from date of discovery.

- Appeal process in accordance with the Collections Policy.

- Faulty meter bill adjustment shall be proportional to the rate of the meter failure.
Questions?
## ALAMEDA COUNTY WATER DISTRICT
### BUDGET REPORT

**Month Ending February 28, 2021**

<table>
<thead>
<tr>
<th>Year to Date Percentage</th>
<th>66.67%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BEGINNING CASH BALANCE</strong></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$194,514,827</td>
</tr>
</tbody>
</table>

### REVENUE

<table>
<thead>
<tr>
<th>Source of Supply</th>
<th>FY 2020-21</th>
<th>FY 2019-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Revenue</td>
<td>84,766,915</td>
<td>119,055,000</td>
</tr>
<tr>
<td>Ground Water Revenue</td>
<td>348,145</td>
<td>516,000</td>
</tr>
<tr>
<td>1% Tax Allocation</td>
<td>2,899,390</td>
<td>4,027,000</td>
</tr>
<tr>
<td>State Water Contract Tax</td>
<td>4,011,069</td>
<td>6,000,000</td>
</tr>
<tr>
<td>Interest Revenue</td>
<td>2,899,390</td>
<td>4,027,000</td>
</tr>
<tr>
<td>Facilities Connection Charges - FIF</td>
<td>3,336,168</td>
<td>3,501,000</td>
</tr>
<tr>
<td>Facilities Connection Charges - FRF</td>
<td>3,336,168</td>
<td>3,501,000</td>
</tr>
<tr>
<td>Customer Jobs Revenue</td>
<td>43,214,000</td>
<td>43,214,000</td>
</tr>
<tr>
<td>Grants, Reimbursements</td>
<td>6,330,313</td>
<td>15,458,000</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>666,616</td>
<td>983,000</td>
</tr>
</tbody>
</table>

**TOTAL REVENUE** 106,964,453 160,887,000 102,835,720 148,998,300

### EXPENSES

<table>
<thead>
<tr>
<th>Source of Supply</th>
<th>FY 2020-21</th>
<th>FY 2019-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Purchases</td>
<td>23,347,872</td>
<td>31,071,000</td>
</tr>
<tr>
<td>Delta Conveyance</td>
<td>5,234,856</td>
<td>10,527,000</td>
</tr>
<tr>
<td>Operation of Supply System</td>
<td>5,234,856</td>
<td>10,527,000</td>
</tr>
<tr>
<td>Pumping</td>
<td>9,515,742</td>
<td>17,303,000</td>
</tr>
<tr>
<td>Water Treatment</td>
<td>9,884,923</td>
<td>16,314,000</td>
</tr>
<tr>
<td>Transmission &amp; Distribution</td>
<td>2,882,580</td>
<td>2,780,000</td>
</tr>
<tr>
<td>Customer Accounts</td>
<td>22,610,464</td>
<td>24,658,000</td>
</tr>
<tr>
<td>Expense Projects</td>
<td>2,235,881</td>
<td>2,846,000</td>
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</tbody>
</table>

**TOTAL EXPENSES** 76,876,380 108,092,000 70,259,042 102,337,800

### CAPITAL EXPENDITURES

<table>
<thead>
<tr>
<th>FY 2020-21</th>
<th>FY 2019-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>33,934,854</td>
<td>56,434,000</td>
</tr>
<tr>
<td>2,636,217</td>
<td>4,136,000</td>
</tr>
<tr>
<td>1,307,141</td>
<td>6,416,000</td>
</tr>
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</table>

**TOTAL EXPENSES & CAPITAL EXPENDITURES** 114,754,592 175,078,000 92,363,143 154,772,000

### NET OF REVENUE & EXPENSES

<table>
<thead>
<tr>
<th>FY 2020-21</th>
<th>FY 2019-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>(7,790,139)</td>
<td>(14,191,000)</td>
</tr>
<tr>
<td>10,472,577</td>
<td>5,773,700</td>
</tr>
</tbody>
</table>

**Debt Proceeds** 14,500,000

**Reconciling Time Difference** 437,539 1,018,570

**ENDING CASH BALANCE**

<table>
<thead>
<tr>
<th>General Fund</th>
<th>Facilities Improvement Fund (FIF)</th>
<th>Facilities Renewal Fund (FRF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>116,026,982</td>
<td>71,135,245</td>
<td>67,650,958</td>
</tr>
<tr>
<td>122,671,000</td>
<td>62,985,000</td>
<td>60,213,300</td>
</tr>
</tbody>
</table>

**NET OF REVENUE & EXPENSES** 187,162,227 185,656,000 182,525,858 155,814,400

* Administrative & General includes full CalPERS UAL prepayment ($5.6m), OPEB ADC ($3.4m), pension advanced funding ($5.5m), and OPEB advanced funding ($1.1m)
Month Ending February 28, 2021

<table>
<thead>
<tr>
<th>RESERVE:</th>
<th>FY 2020-21 (Year to Date)</th>
<th>FY 2020-21 (Amended Bench)</th>
<th>FY 2019-20 (Year to Date)</th>
<th>FY 2019-20 (Adopted Bench)</th>
<th>FY 2019-20 (Bench 6/30/2020)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Service</td>
<td>$ - $ - $ - $ - $</td>
<td>$ 2,759,084 $ 2,759,084 $ 2,759,084</td>
<td>$ 2,759,084 $ 2,759,084 $ 2,759,084</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management Retirement Bonus</td>
<td>1,156,566 1,156,566 1,156,566</td>
<td>1,598,000 1,598,000 1,598,000</td>
<td>1,598,000 1,598,000 1,598,000</td>
<td></td>
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</tr>
<tr>
<td>Emergency</td>
<td>10,000,000 10,000,000 10,000,000</td>
<td>10,000,000 10,000,000 10,000,000</td>
<td>10,000,000 10,000,000 10,000,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital</td>
<td>14,499,000 14,499,000 14,499,000</td>
<td>14,060,000 14,060,000 14,060,000</td>
<td>14,060,000 14,060,000 14,060,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Projects *</td>
<td>52,172,720 58,816,738 -</td>
<td>59,415,775 33,060,198 -</td>
<td>59,415,775 33,060,198 -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rate Stabilization Reserve</td>
<td>7,540,145 7,540,145 7,540,145</td>
<td>6,199,468 6,199,468 6,199,468</td>
<td>6,199,468 6,199,468 6,199,468</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total General Fund Reserves</td>
<td>116,026,982 122,671,000 63,854,263</td>
<td>123,796,077 95,601,100 64,380,302</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facilities Improvement Fund Reserve</td>
<td>71,135,245 62,985,000</td>
<td>70,718,749 60,213,300</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facilities Renewal Fund Reserve</td>
<td>- -</td>
<td>- -</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total District</td>
<td>$ 187,162,227 $ 185,656,000</td>
<td>$ 194,514,827 $ 155,814,400</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Note: Capital Projects reserve is not specifically identified by Board policy. However, this balance is required to fund the Board approved capital improvement program on a cash-basis without dropping below target reserve minimums identified by Board policy.
<table>
<thead>
<tr>
<th>Alameda County Water District</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statements of Revenues, Expenses and Changes in Net Position</td>
</tr>
<tr>
<td>(In thousands)</td>
</tr>
<tr>
<td>As of Period 8 (Feb 2021) of FY20-21</td>
</tr>
<tr>
<td>--------------------------------------</td>
</tr>
<tr>
<td><strong>OPERATING REVENUES:</strong></td>
</tr>
<tr>
<td>Water sales</td>
</tr>
<tr>
<td>Facilities connection charges</td>
</tr>
<tr>
<td>Fees and rental</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td><strong>Total operating revenues</strong></td>
</tr>
<tr>
<td><strong>OPERATING EXPENSES:</strong></td>
</tr>
<tr>
<td>Sources of supply:</td>
</tr>
<tr>
<td>Water purchases</td>
</tr>
<tr>
<td>Pumping</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td><strong>Total sources of supply</strong></td>
</tr>
<tr>
<td>Water treatment</td>
</tr>
<tr>
<td>Transmission and distribution</td>
</tr>
<tr>
<td>Administration of customer accounts</td>
</tr>
<tr>
<td>Administration and general</td>
</tr>
<tr>
<td>Depreciation and amortization</td>
</tr>
<tr>
<td><strong>Total operating expenses</strong></td>
</tr>
<tr>
<td><strong>Operating income (loss)</strong></td>
</tr>
<tr>
<td><strong>NONOPERATING REVENUES (EXPENSES):</strong></td>
</tr>
<tr>
<td>Investment income (incl. year end fair market value adj)</td>
</tr>
<tr>
<td>Property taxes</td>
</tr>
<tr>
<td>Other nonoperating revenues (expenses)</td>
</tr>
<tr>
<td>Other settlements</td>
</tr>
<tr>
<td>Gain (loss) on disposal of capital assets</td>
</tr>
<tr>
<td>Cost of issuance expense</td>
</tr>
<tr>
<td>Interest expense</td>
</tr>
<tr>
<td><strong>Total nonoperating revenues (expenses)</strong></td>
</tr>
<tr>
<td><strong>Income (loss) before capital contributions</strong></td>
</tr>
<tr>
<td><strong>Capital contributions</strong></td>
</tr>
<tr>
<td>Changes in net position - favorable (unfavorable)</td>
</tr>
<tr>
<td><strong>NET POSITION</strong></td>
</tr>
<tr>
<td>Beginning of current period</td>
</tr>
<tr>
<td>End of current period</td>
</tr>
</tbody>
</table>

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1. Update on Vallecitos Channel Maintenance Project
   Presenter: Kerri Smyth
2. Update on Main Renewal Program
   Presenter: Rekha Ippagunta
3. Update on Records Management Project and Retention Schedule
   Presenter: Jeenu Singh
4. Update on Clean Energy Program
   Presenter: Ed Stevenson
5. Public Comments
ETS Committee Meeting
March 17, 2021

Vallecitos Channel Maintenance Project
Project Background

• Vallecitos channel is used to convey water from the SBA for GW recharge.
• Vegetation management performed October 2020
• Project will address capacity, erosion, and access issues
## CEQA and Environmental Permitting

<table>
<thead>
<tr>
<th>Authority</th>
<th>Document</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEQA</td>
<td>IS/MND</td>
<td>Public comment; May Board</td>
</tr>
<tr>
<td>USACE</td>
<td>CWA 404 Individual Permit</td>
<td>Submitted 3/5/21</td>
</tr>
<tr>
<td>RWQCB</td>
<td>CWA 401 WQ Cert</td>
<td>To be submitted in April 2021</td>
</tr>
<tr>
<td>CDFW</td>
<td>1602 SAA</td>
<td>To be submitted in March 2021</td>
</tr>
<tr>
<td>CDFW</td>
<td>ITP</td>
<td>To be submitted in March 2021</td>
</tr>
</tbody>
</table>
Mitigation

- Minimize impacts in design
- BMPs and local regulations
- On-site mitigation
- Mitigation Measures
  - Mitigation bank credit purchase
    - Estimate with current availability - $184,950
    - Multi-species credits likely to sell out – could cost an extra $110,000
    - USFWS & CDFW authorized pre-purchase
Next Steps

- Complete environmental permitting
- Mitigation credit purchase to Board April 2021
- CEQA adoption to Board May 2021
- Construction
  - Cost estimate: $1.5 M
  - Schedule estimate: 13 weeks, between July-October 2021
1. Objectives of the Board Workshop
   - Review objectives of the District’s Main Renewal and Seismic Upgrade program
   - Provide a status update of the program implementation and lessons learned
   - Review staff’s planned approach for near and intermediate-term implementation of the program

2. Recap of prior board presentations and analysis
   - ACWD Seismic Vulnerability Assessment in 2008
   - ACWD Asbestos Cement Pipe Assessment in 2009
   - Board Presentations in 2011 and 2014 and recommendations

3. Review of the Distribution System Statistics
   - Distribution system overview
   - Pipeline condition and pipe failures by age, material, size and other factors

4. Review of project implementation workflow and program status
   - Prioritization model and hydraulic modeling for Pipeline selection
   - Design; Permitting, Construction and Commissioning
   - Status of the program
     i. Projects completed since 2013
     ii. Projects in construction
     iii. Projects in design
     iv. Program implementation challenges and lessons learned

5. Industry research and survey results

6. Recommendations and approach for near term and intermediate program implementation
   - Proposed replacement rate for short term and long term
   - CEQA considerations
   - Explore opportunities to collaborate with Cities on their street improvement projects
   - Pursue grant programs as applicable

7. Future considerations
   - Pilot projects using different pipe materials and pipe rehabilitation technologies and continue to use CIPP lining as applicable
   - Explore alternative project delivery and/or contracting approaches
   - Update Seismic Assessment Study with emphasis on Distribution system vulnerabilities and upgrades
   - Update Asbestos Cement Pipe assessment
   - Board policy for Developer Main Renewals
Update on Records Management Project and Retention Schedule

Engineering & IT Committee
03/17/2021

Jeenu Singh, Senior Business Analyst
Overview of the Project

- Effort to revamp District’s Records Management (RM) Program for both hardcopy documents as well as electronic documents.

- Developing and implementing refreshed policies/guidelines, Records Retention Schedule (RRS), tools to automate processes for retention/disposal of documents and data based on adopted RRS categories.
Why are we doing this?

- Policy needs to be updated and include both hard-copy and electronic records
- Improve efficiencies; Mitigate compliance risks & Reduce costs
  - Optimize RM for use with SharePoint to maximize document availability and accessibility
  - Streamline responses to Public Records Act requests
  - Ensure compliance with legal requirements related to document retention (and limit liabilities)
Accomplishments

Phase 1 & 2 (November 2017 – February 2021)

- Worked with a RM consultant and each District work group to develop Records Retention Schedule (RRS)
  - 598 categories of records
- Finalized a draft of Records Management Policy/Guideline
- RRS reviewed by a 3rd party legal firm specializing in RM
- Final RRS and RM Policy/Guideline reviewed by District Legal Counsel
Examples of Record Categories from RRS

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
<th>Retention Requirement</th>
<th>Retention Trigger Event</th>
<th>Retention Exceptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADM-010</td>
<td>ACWD Standards</td>
<td>Technical standards related to the design, installation, usage or configuration of equipment or processes related to ACWD water supply, treatment, or distribution. Some standards are for internal use only, some are for public consumption. Each standard is assigned a unique name and is in effect until explicitly superseded. Some examples would include ACWD Development Standards, Standard Equipment List, AutoCAD Drawing File Setup, PLC Programming, etc.</td>
<td>10</td>
<td>Date Superseded</td>
<td></td>
</tr>
<tr>
<td>ADM-005</td>
<td>Board Briefings</td>
<td>The preparation, review, and presentation of briefings to the board on any topical matter of interest to the board or the ACWD department.</td>
<td>Indefinite</td>
<td>True Document Date</td>
<td></td>
</tr>
<tr>
<td>BRD-110</td>
<td>Ordinances</td>
<td>The proposal, drafting, review, finalization and approval of ordinances for the public, such as a water usage restriction. About 1-2 per year maximum. Each ordinance forms a case of related documents. Average 50 documents per case.</td>
<td>Indefinite</td>
<td>Date Approved</td>
<td>If RM Doc Type, Board = Agenda - Indefinite</td>
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<tr>
<td></td>
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<td>If RM Doc Type, Board = Minutes - Indefinite</td>
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<tr>
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<td>If RM Doc Type, Board = Resolutions, Approved - Indefinite</td>
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<td>If RM Doc Type, Board = Resolutions, Draft - 2 Years</td>
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<td>If RM Doc Type, Board = Committee Minutes - 20 Years</td>
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<td></td>
<td>If RM Doc Type, Board = Scheduling - 5 Years</td>
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<td></td>
<td></td>
<td></td>
<td>If RM Doc Type, Board = Ordinances - Indefinite</td>
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<td></td>
<td>If RM Doc Type, Board = Legal - 10 Years</td>
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<td></td>
<td>If RM Doc Type, Board = Customer Related - 2 Years</td>
</tr>
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<td>If RM Doc Type, Board = Administrative - 1 Year</td>
</tr>
<tr>
<td>CON-060</td>
<td>Conservation</td>
<td>Printed materials for programs (or the ‘general’ conservation program) such as applications, brochures, posters, handouts, - i.e., program collateral.</td>
<td>5</td>
<td>True Document Date</td>
<td>If Critical = Yes - Indefinite</td>
</tr>
<tr>
<td></td>
<td>Materials</td>
<td></td>
<td></td>
<td></td>
<td>If Critical = No - 5 Years</td>
</tr>
</tbody>
</table>
Next Steps

**Phase 3** (July 2021 – December 2022)

- Board to consider adoption of new RRS in April 2021
  - Current RS was adopted in 2002
  - Board adoption a legal requirement for public agencies
- Implement RM software to automate RRS for electronic records in SharePoint and Email
  - Implementation Plan
    - 2 pilot sites to be rolled out initially
    - Remaining - 2 at a time
- Staff training
Project Timeline

Phase 1
(Aug 2017 - Aug 2018)

Phase 2
(Sep 2018 – Feb 2021)

Phase 3
(Mar 2021 – Dec 2022)
Questions?
Update on Clean Energy Program

Ed Stevenson, Manager of Engineering & Technology
Engineering & Information Technology Committee
March 17, 2021
Clean Energy Program Goals

• Generate large scale, clean, renewable energy
• Reduce ACWD’s carbon footprint
• Reduce ACWD’s long-term operating costs
• Hedge against future utility rate inflation
• Minimize impact to ACWD’s core operations during construction and operational phases
Clean Energy Program

- Solar arrays at select ACWD facilities
- Power Purchase Agreements leveraging Investment Tax Credits
- PG&E Renewable Energy Self Generation Bill Credit Transfer program (RES-BCT)
- Net Energy Metering (NEM)
  - Sized to maximize energy use on site
  - Excess to grid through RES-BCT
Solar Site Locations

[Map showing various locations with arrows indicating solar sites, including Union City, Newark Desalination Facility, ACWD Headquarters, Whitfield Reservoir, Maynew Reservoir, and Alameda Reservoir.]
Whitfield Reservoir (buried)
Whitfield Reservoir

Location: 42900 Paseo Padre Pkwy., Fremont, CA
Panel type: Ground mount
DC Capacity: 2,473 kW
AC Capacity: 2,000 kW
New site perimeter fence
Project phase: 1
Construction start: Fall 2021
COD: Nov. 2021
CEQA status: MND Adopted
ACWD Headquarters
ACWD Headquarters

Location: 43885 S. Grimmer Blvd., Fremont, CA
Panel type: Roof mount
DC Capacity: 554 kW
AC Capacity: 450 kW
Panel area: 31,500 sqft
Project phase: 1
Construction start: Fall. 2021
COD: Nov. 2021
CEQA status: Exempt
Reservoir Roofs
Mayhew Reservoir

Location: 44100 Mission Blvd., Fremont, CA
Panel type: Roof mount
DC Capacity: 347 kW
AC Capacity: 300 kW
Panel area: 25,800 sqft
Project phase: 1
Construction start: Fall 2021
COD: Nov. 2021
CEQA status: Exempt
Location: 509 Curtner Rd., Fremont, CA
Panel type: Roof mount
DC Capacity: 1,109 kW
AC Capacity: 875 kW
Panel area: 78,000 sqft
Project phase: 2
Construction start: Aug. 2023
COD: Jan. 2024
CEQA status: Exempt
Decoto Reservoir

Location: E/S Mission, S. Appian, Fremont, CA
Panel type: Roof mount
DC Capacity: 1,113 kW
AC Capacity: 875 kW
Panel area: 78,000 sqft
Project phase: 2
Construction start: Aug. 2023
COD: Jan. 2024
CEQA status: Exempt

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Newark Desalination Facility
Newark Desalination Facility

Location: 6833 Redeker Pl., Newark, CA
Panel type: Roof mount
DC Capacity: 162 kW
AC Capacity: 124 kW
Panel area: 11,100 sqft
Project phase: 1
Construction start: Fall 2021
COD: Nov. 2021
CEQA status: Exempt

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Clean Energy Program

• More than 4.5MW clean, renewable energy
  – 10% increase in total solar in Fremont
    (23% increase in non-residential)
• Reduce carbon emissions by over 1,000 tons annually
• Save millions $ in long-term operating costs
Clean Energy Program Status

- Analyses, planning, modeling, complete
- Preliminary engineering complete
- CEQA documentation completed and adopted
- Negotiating Power Purchase Agreements
- Targeting construction start within months
- Multi-year program: complete by end of 2024
Questions?