



Wastewater Treatment



TRANSFORMING
WASTEWATER
TO RESOURCES



Recycled Water



Energy Production



Biosolids Reuse

Proposed Recycled Water Service Charge Adjustments

Special Board of Directors Meeting
October 29, 2025

Background

Transforming Wastewater to Resources



- District provides recycled water treatment and distribution services via its Recycled Water Facility (RWF)
 - In FY24/25, 7.0 million gallons per day (MGD) produced (50% of 14.0 MGD of WWTP influent flow)
 - **93-95% provided for industrial purposes** (Calpine, two large power plants—Delta Energy Center, Los Medanos Energy Center)
 - **5-7% for irrigation purposes** (City of Antioch golf course/parks/medians, City of Pittsburg parks/medians, PUSD, MDRRP, Caltrans)
- District utilizes voluntary user service agreements
 - **Calpine has first right to RW; service to other customers is “interruptible”**
 - Agreements require RWSCs to be set by Board (last approved in November 2024)

Key Drivers for Adjustments to Recycled Water Service Charges



- In June 2025, Board adopted FY25/26-FY26/27 Biennial Budget and approved 5-year CIP
 - RW Operating Budget: FY25/26 = \$4.46M (+12.3% increase)
FY26/27 = \$4.76M (+6.8% increase)
 - **Increases in chemicals and utilities costs**
 - Chemicals: FY25/26 Budget = \$1.71M; FY26/27 Budget = \$1.83M
 - Utilities: FY25/26 Budget = \$0.85M; FY26/27 Budget = \$0.90M
 - RW Projects in 5-year CIP
 - \$0.0M in RW Capital Asset Fund
 - \$2.5M in RW Capital Asset Replacement Fund
- RWSC adjustment is **necessary to generate sufficient revenue** (+\$211k annually) to cover additional District costs

Key RWSC Financial Modeling Assumptions



- Financial model includes FY25/26-FY26/27 Biennial Budget amounts with 10-year planning horizon
- Revenue projection is based on FY23/24 RW consumption (not FY24/25 due to significant power plant outages)

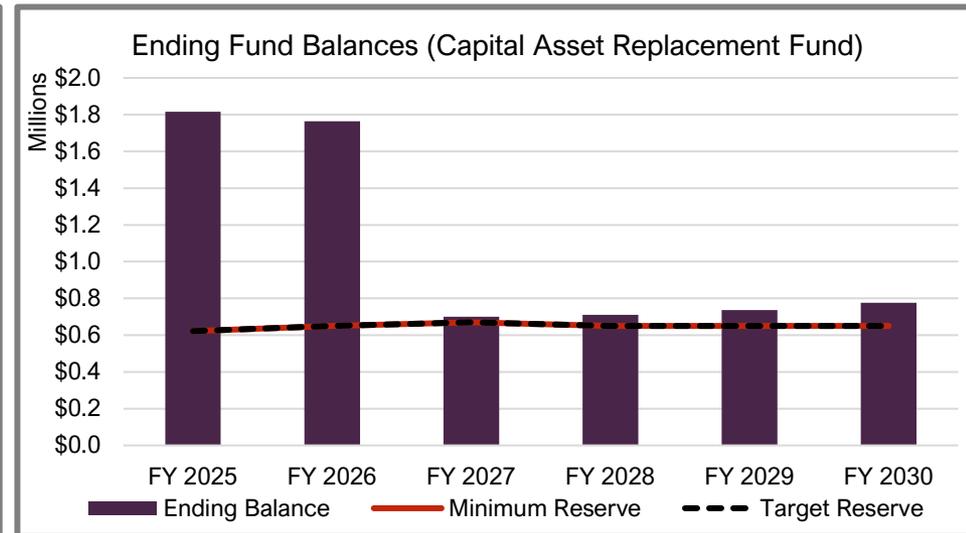
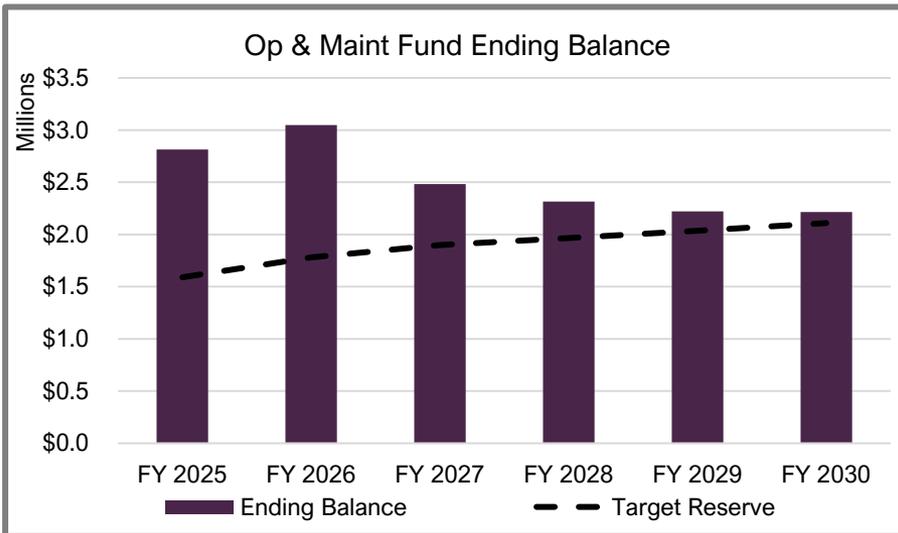
	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26 (Projections)
RW Consumption (Tgal)	2,623,373	2,756,413	2,638,248	2,353,111	1,931,969	2,329,689

- Customer-specific surcharges
 - Calpine Revenue Stability Surcharge
 - Stabilizes revenue when RW use declines (i.e., major plant disruptions)
 - No change proposed to current surcharge (\$35,000/month)
 - Antioch RW Project Surcharge
 - Covers Antioch’s \$1.1M share of Antioch RW Project costs that exceeded \$5M SRF loan cap (~\$6,826/month)

RWSC Revenue Need



- District needs to **increase total annual revenue by \$211k** (effective in February 2026) to cover District costs
 - Staff included \$1.0M transfer of RW Capital Asset Fund equity to RW O&M Fund
 - Projecting similar increases in revenue requirements in subsequent three years (+5.5% annually for FY27/28-FY29/30)
- Actual costs and revenues are highly dependent on usage



Proposed RWSC Adjustments: Monthly Fixed Cost by Customer



	Existing (\$/month)	Proposed (\$/month)	Difference (\$)	Difference (%)
Calpine – DEC	\$76,133	\$74,052	(\$2,081)	-2.7%
Calpine – LMEC	\$70,772	\$68,377	(\$2,395)	-3.4%
City of Antioch (Parks, Medians, Golf Course, Surcharge)	\$10,409	\$10,730	\$321	3.1%
City of Pittsburg (Parks, Medians)	\$1,652	\$1,749	\$97	5.9%
Pittsburg Unified School District	\$937	\$1,060	\$123	13.1%
Mt. Diablo Resource Recovery Park	\$341	\$384	\$43	12.6%
Caltrans	\$120	\$122	\$2	1.7%

- Fixed component varies by customer (labor, office expenses, outside services, repairs and maintenance, and distribution system O&M)

Proposed RWSC Adjustments: Total Revenue by Customer



	Existing Revenue	Proposed Variable	Proposed Fixed	Proposed Revenue	Difference (\$)	Difference (%)
Calpine – DEC	\$2,103,368	\$1,324,600	\$888,627	\$2,213,227	\$109,859	5.2%
Calpine – LMEC	\$1,879,099	\$1,146,539	\$820,530	\$1,967,069	\$87,970	4.7%
City of Antioch	\$125,217	\$95,108	\$46,854	\$141,962	\$16,745	13.4%
City of Pittsburg	\$63,679	\$40,014	\$20,994	\$61,008	(\$2,671)	-4.2%
PUSD	\$31,690	\$25,593	\$12,719	\$38,312	\$6,622	20.9%
MDRRP	\$12,582	\$9,444	\$4,616	\$14,060	\$1,478	11.7%
Caltrans	\$3,411	\$2,199	\$1,461	\$3,660	\$249	7.3%

* Excludes City of Antioch surcharge

- RWSCs include variable (60%) + fixed (40%) cost components
- Variable (RW CAR, chemicals/utilities) component = +10.8%
- Presented proposed adjustments to the Recycled Water Technical Advisory Committee on October 7, 2025—no comments received

Recommendations/Next Steps

- Set Public Hearing for December 10, 2025, at 4:30 pm to consider adopting ordinance establishing RWSC adjustments
- If Board approves RWSC adjustments after Public Hearing, RWSCs would be effective February 2026

