

San Francisco Public Utilities Commission: FY 2020-21 & FY 2021-22 Two-Year Capital Budget and Bond Authorization

Capital Planning Committee

March 9, 2020

1



Today's Agenda

- Overview
- Wastewater Enterprise
- Water Enterprise
- Hetchy Water & Power
- Power Enterprise



- Capital budget developed as part of an update to the 10-year Capital and Financial Plans
- Comprehensive review of infrastructure needs
- Enhanced quality review process
 - Infrastructure staff validated all project schedules and costs
 - Project delivery capacity—dense, high-cost urban area, construction market dynamics, and delivery resources
 - Asset onboarding capacity
 - Re-prioritized existing project balances
- Reviewed during four special budget meetings in January
- Commission Adoption of Capital Budget and 10-Year Plan on February 11, 2020



FY 2020-21 to FY 2029-30 10-Year Capital Plan





FY 2020-21 to FY 2029-30 10-Year Capital Plan

Enterprise (Millions)	FY 2019-28 Approved	FY 2021-30 Proposed	 Change	Change
Wastewater	\$ 5,616.3	\$ 5,146.9	\$ (469.4)	-8%
Water*	1,726.7	2,206.2	479.5	28%
Hetchy Water/Power	1,280.5	1,566.8	286.3	22%
CleanPowerSF	 	 75.8	 75.8	
Total	\$ 8,623.5	\$ 8,995.7	\$ 372.2	4%

* \$153M Auxiliary Water Supply System (AWSS) funding is included in Water Enterprise Capital Plan.



Two-Year Capital Budget Summary Including Financing Cost

Enterprise (Millions)	FY 2020-21 Proposed	FY 2021-22 Proposed	Total
Wastewater	\$ 189.3	\$ 447.7	\$ 637.0
Water*	302.8	220.1	522.9
Hetchy Water/Power	94.4	165.9	260.3
CleanPowerSF	 2.3	 2.0	4.3
Total	\$ 588.8	\$ 835.7	\$ 1,424.5

* \$153M Auxiliary Water Supply System (AWSS) funding is included in Water Enterprise FY 2020-21 Capital Plan.



Two-Year Bond Financing Authorization Summary

Enterprise (Millions)		FY 2020-21		Y 2021-22	Total		
Wastewater							
Wastewater Bonds	\$	55.8	\$	273.8	\$	329.6	
Financing Costs		9.8		48.3		58.1	
Totals		65.6		322.1		387.7	
Water							
Water Bonds	\$	85.5	\$	137.3	\$	222.80	
Financing Costs		15.1		24.2		39.3	
Hetchy Water Bonds		28.4		64.0		92.4	
Financing Costs		5.0		11.3		16.3	
Totals		134.0		236.8	\$	370.8	
Hetch Hetchy Power							
Hetchy Power Bonds	\$	48.4	\$	73.2	\$	121.6	
Financing Costs		8.5		12.9		21.4	
Total		56.9		86.1		143.0	
SFPUC Total	\$	256.5	\$	645.0	\$	901.5	



Wastewater Enterprise



FY2020-21 to FY2021-22 Wastewater Capital Appropriation

	FY 2	2019-20	FY	2020-21	FY	2021-22
Program/Project (Millions)	Ар	proved		Two - Year	r Proposed	
<u>Uses</u>						
Sewer System Improvement Program						
Program Management	\$	16.6	\$	-	\$	-
Treatment Facilities		169.1		12.7		119.4
Sewer/Collection System		69.3		2.4		15.0
Stormwater Management/Flood Control		40.5		1.5		56.5
SSIP Total		295.4		16.6		190.9
Renewal and Replacement						
Collection System - Sewer Improvements		89.8		111.4		117.7
Collection System - Condition Assessment		3.6		5.7		8.0
Treatment Plant Improvements		24.2		25.4		26.6
R & R Total		117.5		142.5		152.3
Treasure Island		24.0		-		50.0
Wastewater Facilities & Infrastructure						
Ocean Beach Protection		5.4		-		2.4
Southeast Community Center Improvements		3.5		4.5		-
Southeast Outfall Condition Assessment and Rehab		1.1		15.8		3.7
Islais Creek Outfall		15.0		-		-
Facilities & Infrastructure Total		25.0		20.3		6.1
SSIP, R&R, & Facilities & Infrastructure Costs		461.9		179.4		399.4
Financing Cost		47.7		9.8		48.3
Total	\$	509.5	\$	189.3	\$	447.7
<u>Sources</u>						
Revenue	\$	113.0	\$	117.9	\$	120.3
Capacity Fee	\$	4.5	\$	5.8	\$	5.3
Revenue Bonds		392.0		65.6		322.2
Total	\$	509.5	\$	189.3	\$	447.7



Biosolids Digester Facilities Project

Budget: \$1,276M Phase: 95% Design

Updates:

- Construction NTP issued August 2019
- Four (4) Early out bid packages were advertised for utility and sewer relocation and demolition

Construction: Aug 2019



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2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Planning through Bid & Award Construction Close Out									



New Headworks Facility Project

Budget: \$418.8M

Phase & Updates:

Scope I (Site Prep): Construction

Scope II.A (Bruce Flynn PS): Construction

Scope II.B (Influent Sewer): Bid and Award

Scope II.C (Lift Station): 100% Design

Scope III (Headworks): Construction







Balboa High School Green Infrastructure

Budget: \$14.7M

Phase: Planning

Location: Balboa High School and Denman Middle School Complex

Updates:

• Developing Joint Use Agreement



Construction: Estimated September 2022





Ocean Beach Climate Change Adaptation Project

Budget: \$170M

Milestones:

- 2018/22 Planning, Environmental
 - 2021 Complete Design, CM/GC Contract, CM Contract
 - 2023 Start Construction
 - 2026 Substantial Completion Grand Opening
 - 2027 Final Completion, Closeout







Water Enterprise







FY2020-21 to FY2021-22 Water Capital Budget

Program/Project (Millions)	FY 2019-20	FY	2020-2021		2021-22
	Approved		Two - Yeai	ΡΤΟμ	oosea
<u>oses</u> Regional Costs					
Water Treatment Program	\$ 14.5	Ś	9.2	Ś	12.5
Water Transmission Program	45.1		5.2	Ļ	12.5
Water Fransmission Frogram Water Supply & Storage Program	43.1				29.8
Water Supply & Storage Program Watersheds & Land Management	1.0		37.7		2 <i>9</i> .8 14.9
Communication & Monitoring Program	0.5		0.5		0.5
Buildings And Grounds Programs	33.5		18.0		0.5 7.1
Long Term Monitoring & Permit	11.5		4.0		4.0
Regional Subtotal	113.2		69.5		68.9
-					
Local Costs			2.7		6.7
Water Supply Projects	- 68.2		34.6		6.7 72.8
Local Water Conveyance/Distribution System Local Reservoir Tank Improvement	3.2		34.0		72.8 5.3
Pump Station Improvement	2.3		5.5		0.2
Recycled Water Projects	2.5		- 5.1		0.2 4.7
Automated Meter Reading System	0.5		4.2		4.7 3.0
Bulding & Ground Improvement	0.4		4.2		34.5
Auxiliary Water Supply System	0.4		153.0		54.5
Local Subtotal	74.5		218.2		127.1
Regional & Local Costs	187.7		287.7		195.9
Financing Cost	18.9		15.1		24.2
	10.5		10.1		24.2
Total	\$ 206.6	\$	302.8	\$	220.1
Sources					
Water Revenue	\$ 51.8	Ś	47.6	Ś	57.1
Capacity Fee	¢ 51.0 1.5	-	1.6	Ŧ	1.5
Water Revenue Bonds	153.3		100.6		161.5
General Obligation Bonds	100.0		153.0		
Total	\$ 206.6	\$	302.8	\$	220.1
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Regional Water 2-Year Capital Improvement Program Highlights

Water Treatment request is \$21.8 million

- \$20.6 million: Sunol Valley Water Treatment Plant projects
- Water Supply and Storage request is \$29.8 million
 - \$29.8 million: Purified Water and Other Supply projects
- Watersheds and Land Management request is \$52.6 million
 - \$22 million: Watershed and Right-of-Way land acquisition
 - \$20.9 million: 2 major trails in the Peninsula Watershed
 - \$8.6 million: road reconstruction in the Peninsula Watershed

Buildings and Grounds request is \$25.1 million

- \$20.7 million: Rollins Road Building Renovation
- \$4.4 million: Millbrae Yard Lab and shops project



Local Water 2-Year Capital Improvement Program Highlights

Water Supply Projects request is \$9.4 million

• \$8.7 million: recycled water projects

Local Water Conveyance request is \$107.1 million

- \$72.5 million: Water Pipeline Replacement projects
- \$20 million: New Services
- \$6 million: Renew Services
- \$3 million: Lead Component Services

Local Reservoir and Tank Improvements request is \$8.7 million

- \$4 million: College Hill Reservoir
- \$2.4 million: Lombard Reservoir

Buildings and Grounds request is \$49.7 million

• \$45.3 million: development of New CDD Headquarters



FY2020-21 to FY2021-22 Hetchy Water & Power Capital Budget

Program/Project (Millions) Approved Two - Year Proposed Uses Hetchy Water \$ 26.8 \$ 20.1 \$ 33.7 Power Infrastructure 11.8 - 10.6 33.7 Power Infrastructure 11.8 - 10.6 Joint Projects - Water Infrastructure 45% 33.6 8.3 30.2 30.1 36.9 Hetchy Water Subtotal 11.3 38.5 111.5 11.5 11.3 38.5 111.5 Hetchy Power Transmission/Distribution 46.5 35.7 24.0 5 Streetlights 6.0 - - - - - Redevelopment 9.5 4.6 4.3 - 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 1.0 1.0 1.0 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 13.4 8.5 12.9 Total Financing Cost 13.4 8.5 12.9 13.5 24.2			019-20		Y 2020-21		FY 2021-22
Hetchy Water \$ 26.8 \$ 20.1 \$ 33.7 Power Infrastructure 11.8 - 10.6 33.6 8.3 30.2 Joint Projects - Water Infrastructure 45% 33.6 8.3 30.2 33.6 8.3 30.2 Joint Projects - Power Infrastructure 55% 41.1 10.1 36.9 36.9 38.5 111.5 Hetchy Power Transmission/Distribution 46.5 35.7 24.0 5 Streetlights 6.0 - - - - - - - Redevelopment 9.5 4.6 4.3 - 1.0	Program/Project (Millions)	Арр	proved		Two - Yeai	r Pro	oposed
Water Infrastructure \$ 26.8 \$ 20.1 \$ 33.7 Power Infrastructure 11.8 - 10.6 Joint Projects - Water Infrastructure 45% 33.6 8.3 30.2 Joint Projects - Power Infrastructure 55% 41.1 10.1 36.9 Hetchy Water Subtotal 113.3 38.5 111.5 Hetchy Power 113.3 38.5 111.5 Transmission/Distribution 46.5 35.7 24.0 Streetlights 6.0 - - Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 13.4 8.5 12.9 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 13.4 8.5 12.9 Total Financing Costs \$ 199.2 94.4 \$ 166.0 Sources - - - - Revenue \$ 39.5 \$ 4.1 \$ 4.7 <	<u>Uses</u>						
Power Infrastructure 11.8 - 10.6 Joint Projects - Water Infrastructure 45% 33.6 8.3 30.2 Joint Projects - Power Infrastructure 55% 41.1 10.1 36.9 Hetchy Water Subtotal 113.3 38.5 111.5 Hetchy Power 113.3 38.5 111.5 Hetchy Power 6.0 - - Transmission/Distribution 46.5 35.7 24.0 Streetlights 6.0 - - Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 13.4 8.5 12.9 Hetchy Water 8.5 5.0 11.3 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 99.5 <td>Hetchy Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Hetchy Water						
Joint Projects - Water Infrastructure 45% 33.6 8.3 30.2 Joint Projects - Power Infrastructure 55% 41.1 10.1 36.9 Hetchy Water Subtotal 113.3 38.5 111.5 Hetchy Power 113.3 38.5 111.5 Transmission/Distribution 46.5 35.7 24.0 Streetlights 6.0 - - Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 13.4 8.5 12.9 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ Sources 8 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Water Infrastructure	\$	26.8	\$	20.1	\$	33.7
Joint Projects - Power Infrastructure 55% 41.1 10.1 36.9 Hetchy Water Subtotal 113.3 38.5 111.5 Hetchy Power 35.7 24.0 Transmission/Distribution 46.5 35.7 24.0 Streetlights 6.0 - - Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 1.0 1.0 Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost	Power Infrastructure		11.8		-		10.6
Hetchy Water Subtotal 113.3 38.5 111.5 Hetchy Power	Joint Projects - Water Infrastructure 45%		33.6		8.3		30.2
Hetchy Power 46.5 35.7 24.0 Streetlights 6.0 - - Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 1.0 Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 8.5 5.0 11.3 Hetchy Power 8.5 5.0 11.3 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources \$ 39.5 \$ 4.1 \$ 4.7 Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Joint Projects - Power Infrastructure 55%		41.1		10.1		36.9
Transmission/Distribution 46.5 35.7 24.0 Streetlights 6.0 - - Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 8.5 5.0 11.3 Hetchy Water 8.5 5.0 11.3 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources \$ 39.5 \$ 4.1 \$ 4.7 Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Hetchy Water Subtotal		113.3		38.5		111.5
Streetlights 6.0 - - Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 13.4 8.5 5.0 11.3 Hetchy Water 8.5 5.0 11.3 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 24.2 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 50 Sources \$ 39.5 \$ 4.1 \$ 4.7 4.7 Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Hetchy Power						
Redevelopment 9.5 4.6 4.3 Renewable and Generation 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 8.5 5.0 11.3 Hetchy Power 8.5 5.0 11.3 Hetchy Power 8.5 5.0 11.3 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3 161.3	Transmission/Distribution		46.5		35.7		24.0
Renewable and Generation 1.0 1.0 1.0 1.0 Energy Efficiency 1.0 1.0 1.0 1.0 1.0 Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost 8.5 5.0 11.3 Hetchy Water 8.5 5.0 11.3 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources \$ 39.5 \$ 4.1 \$ 4.7 Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Streetlights		6.0		-		-
Energy Efficiency 1.0 1.0 1.0 Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost Hetchy Water Hetchy Power 8.5 5.0 11.3 Total Financing Costs 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources Revenue Revenue Bonds \$ 39.5 \$ 4.1 \$ 4.7 159.7 90.3 161.3	Redevelopment		9.5		4.6		4.3
Hetchy Power Subtotal 64.0 42.3 30.3 Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost Hetchy Water Hetchy Power 8.5 5.0 11.3 Total Financing Costs 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources Revenue Revenue Bonds \$ 39.5 \$ 4.1 \$ 4.7 159.7 90.3 161.3	Renewable and Generation		1.0		1.0		1.0
Hetchy Water & Hetchy Power Costs 177.3 80.8 141.8 Financing Cost Hetchy Water Hetchy Power 8.5 5.0 11.3 Total Financing Costs 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources Revenue Revenue Bonds \$ 39.5 \$ 4.1 \$ 4.7 159.7 90.3 161.3	Energy Efficiency		1.0		1.0		1.0
Financing Cost 8.5 5.0 11.3 Hetchy Water 8.5 5.0 11.3 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Hetchy Power Subtotal		64.0		42.3		30.3
Hetchy Water 8.5 5.0 11.3 Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources \$ 39.5 \$ 4.1 \$ 4.7 Revenue \$ 159.7 90.3 161.3	Hetchy Water & Hetchy Power Costs		177.3		80.8		141.8
Hetchy Power 13.4 8.5 12.9 Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Financing Cost						
Total Financing Costs 21.9 13.5 24.2 Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Hetchy Water		8.5		5.0		11.3
Total Hetchy Water/Power & Financing Costs \$ 199.2 \$ 94.4 \$ 166.0 Sources	•				8.5		
Sources \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Total Financing Costs		21.9		13.5		24.2
Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	Total Hetchy Water/Power & Financing Costs	\$	199.2	\$	94.4	\$	166.0
Revenue \$ 39.5 \$ 4.1 \$ 4.7 Revenue Bonds 159.7 90.3 161.3	<u>Sources</u>						
		\$	39.5	\$	4.1	\$	4.7
Total \$ 199.2 \$ 94.4 \$ 166.0	Revenue Bonds	-	159.7	-	90.3	-	161.3
	Total	\$	199.2	\$	94.4	\$	166.0



Hetch Hetchy Water 2-Year Capital Improvement Program Highlights

Water 2-year total request is \$53.8 million

• \$42 million: Mountain Tunnel Improvement Project

Power 2-year total request is \$10.6 million

- \$4.3 million: Moccasin Powerhouse and GSU Rehabilitation
- \$1.8 million: Moccasin Powerhouse Bypass Upgrade

Joint 2-year total request is \$85.6 million

- \$36 million: Mountain Tunnel Improvement Project
- \$13.7 million: Moccasin Penstock Rehabilitation
- \$10.1 million: O'Shaughnessy Dam Outlet Works, Phase 1



Power Enterprise



FY2020-21 to FY2021-22 Hetchy Water & Power Capital Budget

	FY 2	2019-20		FY 2020-21		FY 2021-22
Program/Project (Millions)		proved	Two - Year Proposed			
<u>Uses</u>						
Hetchy Water						
Water Infrastructure	\$	26.8	\$	20.1	\$	33.7
Power Infrastructure		11.8		-		10.6
Joint Projects - Water Infrastructure 45%		33.6		8.3		30.2
Joint Projects - Power Infrastructure 55%		41.1		10.1		36.9
Hetchy Water Subtotal		113.3		38.5		111.5
Hetchy Power						
Transmission/Distribution		46.5		35.7		24.0
Streetlights		6.0		-		-
Redevelopment		9.5		4.6		4.3
Renewable and Generation		1.0		1.0		1.0
Energy Efficiency		1.0		1.0		1.0
Hetchy Power Subtotal		64.0		42.3		30.3
Hetchy Water & Hetchy Power Costs		177.3		80.8		141.8
Financing Cost						
Hetchy Water		8.5		5.0		11.3
Hetchy Power		13.4		8.5		12.9
Total Financing Costs		21.9		13.5		24.2
Total Hetchy Water/Power & Financing Costs	\$	199.2	\$	94.4	\$	166.0
Sources						
Revenue	\$	39.5	\$	4.1	\$	4.7
NCVCHUC			•		'	
Revenue Bonds		159.7		90.3		161.3



Hetch Hetchy Power Two-Year Capital Budget

- \$59.7M: Transmission & Distribution
 - \$4.8M: Customer Programs
 - \$10.4M: Bay Corridor Transmission/ Distribution
 - \$44.6M: Distribution Interface, Redevelopment Projects
- \$8.9M: Redevelopment (Treasure Island)
- \$4.0M: Energy Efficiency & Small Renewables







CleanPowerSF 2-Year Capital Budget & 10-Year Capital Plan

Program/Project (Millions)	FY	2- Year Ca 2020-21 oposed	pital Budget FY2021-22 Proposed		
<u>Uses</u>					
CleanPowerSF					
Local Renewable Energy Program	\$	0.6	\$ 0.4		
CleanPower SF Customer Program		1.7	1.7		
CleanPowerSF Subtotal		2.3	2.1		
<u>Sources</u>					
Revenue	\$	2.3	\$ 2.1		
Total	\$	2.3	\$ 2.1		



SeverCleanPowerSF Two-YearPower
SewerCapital Budget

- First Capital Budget for CleanPowerSF
- \$3.4M: Customer Programs
- \$946K: Local Renewable Energy Program







Thank You