



MEMORANDUM

TO: SLDMWA Finance & Administration Committee Members, Alternates
SLDMWA Board of Directors, Alternates

FROM: Pablo Arroyave, Chief Operating Officer
Ray Tarka, Director of Finance

DATE: February 5, 2024

RE: Finance & Administration Committee Recommendation / Board Approval of
Water Year 2024 OM&R Water Rates

BACKGROUND

Following standard practice, in December, staff requested members to submit their anticipated Water Year (WY) 2024 deliveries to identify delivery volumes through the various cost pools of the transferred works on which to calculate the self-funding rates. The projections were requested to be reported under two allocation scenarios: 20%, and 40% for agricultural contractors. In addition, staff included 25% “minimum participation” for CVP contractors whose survey response was below their contractual participation amount. The inclusion of the minimum participation added 22,211 Acre-Feet to the delivery base at 20%, and 13,545 Acre-Feet to the delivery base at 40%.

Costs to be recovered through the WY2024 OM&R water rate include: (1) FY2025 Self-Funding OM&R budget of \$14,980,416, (2) FY2025 EO&M budget of \$10,623,257, (3) FY2025 Debt Service on repayment agreements for the Jones Pumping Plant Rewinds of Units 6, 5, and 3, of \$380,441, \$282,305, and \$282,306 respectively, (4) FY2025 Debt Service on the Series 2021A bonds of \$374,086, and (5) unbudgeted FY2025 pass-thru costs for Project Use Energy of \$24,569,099, San Luis Joint Use of \$18,397,001, and DWR conveyance fees associated with the use of the Intertie estimated at \$3,256,050.

The Intertie conveyance cost estimate was determined following guidance from the Joint WRC/FAC/BOD workshop held on January 17, 2024. During that workshop, staff was directed to conservatively estimate wheeling fees in order to create a “rainy day” fund in the event that Intertie usage in Water Year 2024 exceeded the historical average volume pumped through this facility which could result in a cash flow shortage for the Authority. After some discussion, Staff was further instructed to use a volume of 125,000 Acre-Feet applied to the current DWR wheeling rate charged for water conveyance to the O’Neill Forebay from the Intertie to calculate this cost.

The FY2025 costs associated with each cost pool have been identified in the self-funding budget.

ISSUE FOR DECISION

Whether the Finance & Administration Committee should recommend, and the Board should approve, Water Year 2024 OM&R water rates that assume a 20% or 40% agricultural contractor allocation.

RECOMMENDATION

Staff recommends approval of Water Year 2024 OM&R water rates assuming a 20% agricultural contractor allocation and member-reported anticipated deliveries with minimum participation volumes included. **(Attachment 1.)** Staff also recommends approval of the Water Year 2024 OM&R water rates assuming a 40% agricultural contractor allocation and member-reported anticipated deliveries with minimum participation volumes included, to become effective immediately in the event the Bureau of Reclamation increases the agricultural contractor allocation to 40% or higher. **(Attachment 2.)**

ANALYSIS

At the end of December 2023, members provided staff with their anticipated water deliveries for Water Year 2024 under the requested allocation scenarios in sufficient detail to include other sources of water beyond their expected contractual allocation. This included anticipated transfers between members, pumped in water, carryforward water from prior water years and water acquired through other activity agreements among members and non-members.

As in prior years, the anticipated delivery information provided by members was entered into a delivery assumption model that segregated and summed the volumes by cost pool. In addition, staff followed the recent direction of the BOD to include minimum participation amounts in the model, where applicable.

Under the SLDMWA OM&R Cost Recovery Plan, minimum participation amounts include (1) 25% of an Irrigation Water Contractor's maximum contractual entitlement in years when the contractor's total deliveries are below 25%, and (2) 60% of Settlement Contractors' maximum contractual Settlement Water entitlement in years when San Joaquin River flood flows partially or fully meet the Settlement Water delivery demands of any of the Settlement Contractors. (Cost Recovery Plan, Section VII.)

The summed deliveries by cost pool were used as the numerator in the equation to determine the rate component per cost pool. The exercise was repeated for both allocation scenarios to derive an estimated cost per acre foot in each cost pool. These costs were then aggregated by delivery area to arrive at WY24 Water Rates. The results of those calculations are as follows:



San Luis & Delta-Mendota Water Authority

WY24 SELF-FUNDING RATES WITH BOR AG ALLOCATION @ 20%

FAC 02/05/2024 BOD 02/08/2024

RATE COMPARISON TO PRIOR YEAR

Using December 2023 Member Projection of WY24 Deliveries, based on @ 20% Ag ALLOCATION, DCI CONVEYANCE per Guidance

	<u>WY 2024 Rate</u> 3/1/24-2/28/25 <u>01.17.24</u> WY2024	<u>WY 2023 Rate</u> 3/1/23-2/28/24 <u>Revised 08.10.23</u> WY2023	Variance
WATER SUPPLY			
Irrigation	20%	100%	-80%
M&I	70%	100%	-30%
Refuge	100%	100%	0%
Exchange/Water Rights	100%	100%	0%
RATES			
Upper DMC	\$24.87	\$14.89	\$9.98
Upper DMC - Exchange/Wtr Rts	\$20.47	\$13.59	\$6.88
Lower DMC/Pool	\$27.73	\$17.93	\$9.80
Lower DMC/Pool - Exchange/Wtr Rts	\$23.33	\$16.63	\$6.70
San Felipe	\$31.23	\$14.46	\$16.77
SLC Above Dos Amigos	\$57.79	\$23.21	\$34.58
SLC Below Dos Amigos	\$75.42	\$28.91	\$46.51
Volta Wells	\$11.23	\$29.14	(\$17.91)
San Luis Drain	\$0.33	\$0.09	\$0.24



San Luis & Delta-Mendota Water Authority

WY24 SELF-FUNDING RATES WITH BOR AG ALLOCATION @ 40%

FAC 02/05/2024 BOD 02/08/2024

RATE COMPARISON TO PRIOR YEAR

Using December 2023 Member Projection of WY24 Deliveries, based on @ 40% Ag ALLOCATION, DCI CONVEYANCE per Guidance

	<u>WY 2024 Rate</u> 3/1/24-2/28/25 <u>01.17.24</u>	<u>WY 2023 Rate</u> 3/1/23-2/28/24 <u>Revised 08.10.23</u>	
	WY2024	WY2023	Variance
WATER SUPPLY			
Irrigation	40%	100%	-60%
M&I	75%	100%	-25%
Refuge	100%	100%	0%
Exchange/Water Rights	100%	100%	0%
RATES			
Upper DMC	\$21.80	\$14.89	\$6.91
Upper DMC - Exchange/Wtr Rts	\$18.18	\$13.59	\$4.59
Lower DMC/Pool	\$24.66	\$17.93	\$6.73
Lower DMC/Pool - Exchange/Wtr Rts	\$21.04	\$16.63	\$4.41
San Felipe	\$26.15	\$14.46	\$11.69
SLC Above Dos Amigos	\$45.05	\$23.21	\$21.84
SLC Below Dos Amigos	\$57.57	\$28.91	\$28.66
Volta Wells	\$11.23	\$29.14	(\$17.91)
San Luis Drain	\$0.23	\$0.09	\$0.14

Under the 20%, and 40% allocation scenarios, members forecasted the acre-foot volumes going through the O'Neill Pumping plant to be 1,894,287, and 2,135,895, respectively.



San Luis & Delta-Mendota Water Authority
FAC 02/05/2024 BOD 02/08/2024
WY24 SELF-FUNDING RATES WITH BOR AG ALLOCATION @ 20%

Notes to Support the discussion on Setting WY24 O&M Rates

1 O&M Budget - Self Funded

WY24 - Fiscal Year 3/1/24-2/28/25
 RO&M = \$15,493,206.76 total, \$14,980,415.50 SLDMWA Water Users, \$512,791.26 USBR
 1 EO&M = \$10,623,257.29- includes indirect

2 Delivery Assumptions

Ag - Contractor Estimates, 20%, with Contractor projections
 M&I - Contractor Estimates, 70%, with Contractor projections
 Refuge - 100% used BOR Refuge Estimate
 Exchange/Water Rights - 100%

Estimated Rescheduled Water
 Pump-Ins
 Miscellaneous Transfers
 Mendota Pool Pumpers
 Volta Well Pumping

3 Intertie

Intertie anticipated to be used in WY24 to be included in Upper Rate
 Final cost allocation for Intertie O&M, Intertie PUE and conveyance still outstanding
 Intertie FY25 O&M Budget \$437,674.60
 Intertie DWR Wheeling charges for WY24 -Per WRC/FAC/BOD guidance estimated at 125,000 A-F
 @ DWR FY24 rate of \$26.58 (net of 2% loss) \$3,256,050

4 Volta Wells

Volta Wells Program estimated at 2,400 a/f - Costs split between DPWD and SLWD

5 PUE SLDMWA Meters

WY24 PUE estimates based on BOR PUE FYE 9/7/24 Billing Plan
 PUE Budget relating to WY23- FY 3/1/23- 2/28/24 = \$20,236,251
 PUE Budget relating to WY23- FY 3/1/24- 2/28/25 = \$24,569,099

6 DWR San Luis Joint Use

WY24 SLJU costs based on DWR 2024 Calendar Year Budget Estimates & Historical Actuals
 SLJU Budget relating to WY23 - FY 3/1/23- 2/28/24 = \$15,980,436
 SLJU Budget relating to WY24 - FY 3/1/24- 2/28/25 = \$18,397,000
 Federal cost allocation for 2023-2024= 37.67%

7 EO&M Funding

Funding Obligation:
 1 EO&M Funding Obligation WY24 FY 3/1/24 - 2/28/25 = \$10,623,257.29, EO&M Budget = \$10,623,257.29
 Rewind Debt Service Funding Obligation-BOR Repayment Contract(Unit 6) WY24 FY 3/1/24-2/28/25 = \$380,441
 Rewind Estimated Debt Service Funding Obligation-BOR Repayment Contract Unit 5 WY24 FY 3/1/24-2/28/25 = \$282,305
 Rewind Estimated Debt Service Funding Obligation-BOR Repayment Contract Unit 3 WY24 FY 3/1/24-2/28/25 = \$282,306
 Rewind Debt Service Funding Obligation-2021A Bonds WY24 FY 3/1/24-2/28/25 = \$374,086

8 Overall increase in Estimated Recoverable Costs over Prior Year.

Total Estimated Recoverable Costs in Water Year 2024 =	\$ 73,144,960
Total Estimated Recoverable Costs in Water Year 2023 =	\$ 64,264,612



San Luis & Delta-Mendota Water Authority
WY24 SELF-FUNDING RATES WITH BOR AG ALLOCATION @ 20%

FAC 02/05/2024 BOD 02/08/2024

RATE COMPARISON TO PRIOR YEAR

Using December 2023 Member Projection of WY24 Deliveries, based on @ 20% Ag
 ALLOCATION, DCI CONVEYANCE per Guidance

	<u>WY 2024 Rate</u> 3/1/24-2/28/25 01.17.24 WY2024	<u>WY 2023 Rate</u> 3/1/23-2/28/24 Revised 08.10.23 WY2023	Variance
WATER SUPPLY			
Irrigation	20%	100%	-80%
M&I	70%	100%	-30%
Refuge	100%	100%	0%
Exchange/Water Rights	100%	100%	0%
RATES			
Upper DMC	\$24.87	\$14.89	\$9.98
Upper DMC - Exchange/Wtr Rts	\$20.47	\$13.59	\$6.88
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San Luis & Delta-Mendota Water Authority

FAC 02/05/2024 BOD 02/08/2024

WY24 SELF-FUNDING RATES WITH BOR AG ALLOCATION @ 20%

Using December 2023 Member Projected Deliveries

COST POOLS	SLDMWA ANNUAL O&M and POWER						SLDMWA	SLDMWA	SLDMWA	SLDMWA	SLDMWA	SLJU			TOTAL
	UPPER Upper DMC/ JPP	UPPER Intertie (Temporary Cost Pool)	JPP PWR	VOLTA WELLS	LOWER Lower DMC/ Mendota Pool	O'NEILL P/G O'Neill O&M & PWR	RESERVES	RESERVES Unit 6 Rewind BOR Repayment	RESERVES Unit 5 Rewind BOR Repayment	RESERVES Unit 3 Rewind BOR Repayment	RESERVES Two Rewind Units 2021A Bonds	DWR COSTS		POWER	
PARTICIPANTS	All Users	All Users Excludes Exchange Cont. and Water Rights	All Users (Actual Pumping Only)	DPWD SLWD	LowerDMC & MP Users	All Users "Direct" "Storage"	All Users	All Users	All Users	All Users	All Users Excludes Exchange Cont. and Water Rights	San Luis Canal O&M	Dos Amigos O&M	Dos Amigos Power	
COSTS TO BE ALLOCATED**	\$8,349,276	\$4,180,683	\$15,947,367	\$26,939	\$3,148,856	\$4,683,790 \$1,321,069	\$10,623,257	\$380,441	\$282,305	\$282,306	\$374,086	\$14,093,534	\$3,997,918	\$5,292,576	\$72,984,403
ACRE FEET	1,865,460	1,026,666	1,806,177	2,400	1,103,029	632,712 1,261,575	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	530,777	527,361	527,361	
RATE PER AF	\$4.47	\$4.08	\$8.83	\$11.23	\$2.86	\$7.41 \$1.05	\$5.62	\$0.20	\$0.15	\$0.15	\$0.32	\$26.56	\$7.59	\$10.04	

SLDMWA COMPONENT RATE PER ACRE FOOT - BY DELIVERY AREA / CONTRACTOR	A	Aa	B	C	D	E	F
Upper DMC	\$24.87	A+Aa+B+F+G+H+I+J+K					
Exchange/Wtr Rts (Upper)	\$20.47	A+B+F+G+H+I+J Excludes Intertie & 2021A Bonds Reserve					
Lower DMC/Pool	\$27.73	A+Aa+B+D+F+G+H+I+J+K					
San Felipe	\$31.23	A+Aa+B+E+G+H+I+J+K					
San Luis Canal Above Dos Amigos	\$57.79	A+Aa+B+E+G+H+I+J+K+L					
San Luis Canal Below Dos Amigos	\$75.42	A+Aa+B+E+G+H+I+J+K+L+M+N					
Exchange/Wtr Rts (Lower)	\$23.33	A+B+D+F+G+H+I+J Excludes Intertie & 2021A Bonds Reserve					
Refuge (Lower)	\$27.73	A+Aa+B+D+F+G+H+I+J+K					
Volta Wells	\$11.23	C					
San Luis Drain	\$0.33	\$160,556					

	Direct	Storage
O&M =	\$2.87	\$0.49
O&M DWR =	\$0.31	\$0.05
Pwr =	\$2.86	\$0.49
O&M	\$3.53	\$0.50
DWR	\$0.38	\$0.05
PUE	\$3.50	\$0.50
	\$7.41	\$1.05

WATER SUPPLY ASSUMPTIONS

Irrigation	20%
M&I	70%
Refuge	100%
Ex/Wtr Rts	100%

Note: Supply assumptions are based on contractor estimates

**COSTS TO BE ALLOCATED		included in \$		
O&M Budget per above -(excludes Volta Wells O&M)	\$18,048,970	\$ 2,857,113.24	\$ 2,228,548.33	3.522215996
Required Reserve Funding	\$10,623,257		\$ 628,564.91	0.498238442
Rewind Reserve Funding -Debt Service Unit 6 BOR Rpmt Contract	\$380,441		\$ 2,857,113.24	
Rewind Reserve Funding (Est) -Debt Service Unit 5BOR Rpmt Contract	\$282,305			
Rewind Reserve Funding (Est) -Debt Service Unit 3BOR Rpmt Contract	\$282,306			
Rewind Reserve Funding -2021A Bonds	\$374,086			
San Luis Drain	\$160,556			
Volta Wells -DPWD/SLWD	\$26,939			
POWER				
JPP	\$15,947,367			
Intertie	\$486,958			
Volta Wells	\$0			
O'Neill	\$2,842,198	\$ 2,842,198.00	\$ 2,216,914.44	3.503828661
SAN LUIS JOINT USE				
DWR - San Luis Canal O&M	\$14,093,534		\$ 625,283.56	50%
DWR - Dos Amigos O&M	\$3,997,918		\$ 2,842,198.00	
DWR - O'Neill	\$305,548	\$ 305,547.64	\$ 238,327.16	0.376675584
POWER				
Dos Amigos	\$5,292,576		\$ 67,220.48	0.053283006
Total	\$73,144,960		\$ 305,547.64	
DCI Wheeling 125,000 A-F at Current DWR Rate (net of 2% loss)	\$3,256,050			

O'Neill Split
78%/22%

78% O'Neill Direct
22% O'Neill Storage



San Luis & Delta-Mendota Water Authority

FAC 02/05/2024 BOD 02/08/2024

Self-Funding O&M Budget Comparison WY24/WY23

	RO&M	EO&M Self-Funding Reserve Obligation	Self-Funding PUE	Self-Funding SLJU	Volta Wells (DPWD & SLWD Only)	Intertie DWR Conveyance	TOTALS
WY24	\$ 14,953,477	\$ 11,942,395	\$ 24,569,099	\$ 18,397,000	\$ 26,939	\$ 3,256,050	\$ 73,144,960
WY23	\$ 18,790,710	\$ 7,801,365	\$ 20,209,382	\$ 15,980,436	\$ 69,935	\$ 1,412,784 a)	\$ 64,264,612
Variance	\$ (3,837,233)	\$ 4,141,030	\$ 4,359,717	\$ 2,416,564	\$ (42,996)	\$ 1,843,266	\$ 8,880,348
	*		*	*	*	*	*

* Included in O&M Rate Calculations

- O&M
- Reserve Obligations
- Project Use Energy (PUE)
- San Luis Joint Use (SLJU)
- Volta Wells (DPWD & SLWD only)
- Intertie DWR Conveyance

a) DCI Wheeling charges omitted from original budget; included in August rate revision.



San Luis & Delta-Mendota Water Authority
 FAC 02/05/2024 BOD 02/08/2024

INTERTIE VARIABLE COSTS
 CONSIDERATION FOR RATE SETTING

	YR TYPE	AG ALLOCATION	VOLUME	CONVEYANCE	PUE	TOTAL VARIABLE INTERTIE
WY2012	BN	40%	71,037	\$ 815,903	\$ 45,727	\$ 861,630
WY2013	D	20%	1,956	\$ 23,415	\$ 56,385	\$ 79,800
WY2014	C	0%	19,695	\$ 140,063	\$ 17,421	\$ 157,483
WY2015	C	0%	4,733	\$ 72,451	\$ 36,991	\$ 109,442
WY2016	BN	5%	83,665	\$ 1,395,917	\$ 183,395	\$ 1,579,312
WY2017	W	100%	184,774	\$ 2,393,740	\$ 331,527	\$ 2,725,266
WY2018	BN	50%	124,785	\$ 2,143,833	\$ 273,550	\$ 2,417,383
WY2019	W	75%	102,482	\$ 551,211	\$ 244,344	\$ 795,555
WY2020	D	100%	62,996	\$ 1,226,696	\$ 354,314	\$ 1,581,010
WY2021	C	0%	48,805	\$ 259,789	\$ 282,422	\$ 542,211
WY2022	C	0%	38,539	\$ 590,691	\$ 200,851	\$ 791,542
WY2023	W	100%	130,225	\$ 3,286,731	\$ 279,354	\$ 3,566,084
TOTAL			873,692	\$ 12,900,439	\$ 2,306,280	\$ 15,206,718

12 Year Average	72,808	\$ 1,075,037	\$ 192,190	\$ 1,267,227
FY24 DWR Conveyance Rate	\$ 26.58			
	\$ 1,935,228			ESTIMATED
2% loss	\$ (38,705)			
Conveyance Cost on Avg Volume	\$ 1,896,523			

UPDATE: Per 01/17/24 WRC/FAC/BOD guidance; Wheeling charges estimated for WY24 @ 125,000 A-F @ 26.58 (net of 2% loss)

Guidance	125,000
FY24 DWR Conveyance Rate	\$ 26.58
	\$ 3,322,500
2% loss	\$ (66,450)

Wheeling charges to use in Self-Funding Rates \$ 3,256,050

Note: Estimated DCI use during scheduled FY25 O'Neill Shutdown for 45 days @ 500 A-F/Day @ \$26.58 is \$586,089 (net of 2% loss).



San Luis & Delta-Mendota Water Authority
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WY24 SELF-FUNDING RATES WITH BOR AG ALLOCATION @ 40%

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Exchange/Water Rights	100%	100%	0%
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San Luis & Delta-Mendota Water Authority

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Using December 2023 Member Projected Deliveries

COST POOLS	SLDMWA ANNUAL O&M and POWER							SLDMWA	SLDMWA	SLDMWA	SLDMWA	SLDMWA	SLJU		TOTAL	
	UPPER Upper DMC/ JPP	UPPER Intertie (Temporary Cost Pool)	JPP PWR	VOLTA WELLS	LOWER Lower DMC/ Mendota Pool	O'NEILL P/G O'Neill O&M & PWR		RESERVES	RESERVES Unit 6 Rewind BOR Repayment	RESERVES Unit 5 Rewind BOR Repayment	RESERVES Unit 3 Rewind BOR Repayment	RESERVES Two Rewind Units 2021A Bonds	DWR COSTS San Luis Canal O&M	POWER Dos Amigos O&M		
PARTICIPANTS	All Users	All Users Excludes Exchange Cont. and Water Rights	All Users (Actual Pumping Only)	DPWD SLWD	LowerDMC & MP Users	All Users "Direct"	All Users "Storage"	All Users	All Users	All Users	All Users	All Users Excludes Exchange Cont. and Water Rights	All SLJU Users	Dos Amigos Users	Dos Amigos Users	
COSTS TO BE ALLOCATED**	\$8,349,276	\$4,180,683	\$15,947,367	\$26,939	\$3,148,856	\$4,683,790	\$1,321,069	\$10,623,257	\$380,441	\$282,305	\$282,306	\$374,086	\$14,093,534	\$3,997,918	\$5,292,576	\$72,984,403
ACRE FEET	2,107,795	1,269,001	2,059,859	2,400	1,104,010	869,669	1,266,226	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	% of 10 Yr Historical Use	746,071	742,655	742,655	
RATE PER AF	\$3.96	\$3.30	\$7.75	\$11.23	\$2.86	\$5.39	\$1.04	\$4.98	\$0.18	\$0.13	\$0.13	\$0.32	\$18.90	\$5.39	\$7.13	

SLDMWA COMPONENT RATE PER ACRE FOOT - BY DELIVERY AREA / CONTRACTOR	A	Aa	B	C	D	E	F	G	H	I	J	K	L	M	N
Upper DMC	\$21.80	A+Aa+B+F+G+H+I+J+K													
Exchange/Wtr Rts (Upper)	\$18.18	A+B+F+G+H+I+J Excludes Intertie & 2021A Bonds Reserve													
Lower DMC/Pool	\$24.66	A+Aa+B+D+F+G+H+I+J+K													
San Felipe	\$26.15	A+Aa+B+E+G+H+I+J+K													
San Luis Canal Above Dos Amigos	\$45.05	A+Aa+B+E+G+H+I+J+K+L													
San Luis Canal Below Dos Amigos	\$57.57	A+Aa+B+E+G+H+I+J+K+L+M+N													
Exchange/Wtr Rts (Lower)	\$21.04	A+B+D+F+G+H+I+J Excludes Intertie & 2021A Bonds Reserve													
Refuge (Lower)	\$24.66	A+Aa+B+D+F+G+H+I+J+K													
Volta Wells	\$11.23	C													
San Luis Drain	\$0.23	\$160,556													

	Direct	Storage
O&M = \$2.87		O&M = \$.49
O&M DWR = \$.31		O&M DWR = \$.05
Pwr = \$2.86		Pwr = \$.49

WATER SUPPLY ASSUMPTIONS

Irrigation	40%
M&I	75%
Refuge	100%
Ex/Wtr Rts	100%

Note: Supply assumptions are based on contractor estimates

O&M	\$2.56	\$0.50
DWR \$	0.27	\$0.05
PUE \$	2.55	\$0.49
	<u>\$5.39</u>	<u>\$1.04</u>

**COSTS TO BE ALLOCATED		included in \$	
O&M Budget per above -(excludes Volta Wells O&M)	\$18,048,970	\$ 2,857,113.24	\$ 2,228,548.33 2.562524739
Required Reserve Funding	\$10,623,257		\$ 628,564.91 0.496408351
Rewind Reserve Funding -Debt Service Unit 6 BOR Rpmt Contract	\$380,441		\$ 2,857,113.24
Rewind Reserve Funding (Est) -Debt Service Unit 5BOR Rpmt Contract	\$282,305		
Rewind Reserve Funding (Est) -Debt Service Unit 3BOR Rpmt Contract	\$282,306		
Rewind Reserve Funding -2021A Bonds	\$374,086		
San Luis Drain	\$160,556		
Volta Wells -DPWD/SLWD	\$26,939		
POWER			
JPP	\$15,947,367		
Intertie	\$486,958		
Volta Wells	\$0		
O'Neill	\$2,842,198	\$19,276,523	\$ 2,842,198.00 \$ 2,216,914.44 2.549147365
			\$ 625,283.56 49%
			\$ 2,842,198.00
SAN LUIS JOINT USE			<u>O'Neill Split</u>
DWR - San Luis Canal O&M	\$14,093,534		78%/22%
DWR - Dos Amigos O&M	\$3,997,918	\$ 305,547.64	\$ 238,327.16 0.274043529
DWR - O'Neill	\$305,548		\$ 67,220.48 0.053087291
			\$ 305,547.64
POWER			78% O'Neill Direct
Dos Amigos	\$5,292,576		22% O'Neill Storage
Total costs to recover	\$73,144,960		
DCI Wheeling 125,000 A-F at Current DWR Rate (net of 2% loss)	\$3,256,050		



San Luis & Delta-Mendota Water Authority

FAC 02/05/2024 BOD 02/08/2024

Self-Funding O&M Budget Comparison WY24/WY23

	RO&M	EO&M Self-Funding Reserve Obligation	Self-Funding PUE	Self-Funding SLJU	Volta Wells (DPWD & SLWD Only)	Intertie DWR Conveyance	TOTALS
WY24	\$ 14,953,477	\$ 11,942,395	\$ 24,569,099	\$ 18,397,000	\$ 26,939	\$ 3,256,050	\$ 73,144,960
WY23	\$ 18,790,710	\$ 7,801,365	\$ 20,209,382	\$ 15,980,436	\$ 69,935	\$ 1,412,784 a)	\$ 64,264,612
Variance	\$ (3,837,233)	\$ 4,141,030	\$ 4,359,717	\$ 2,416,564	\$ (42,996)	\$ 1,843,266	\$ 8,880,348
	*		*	*	*	*	*

* Included in O&M Rate Calculations

- O&M
- Reserve Obligations
- Project Use Energy (PUE)
- San Luis Joint Use (SLJU)
- Volta Wells (DPWD & SLWD only)
- Intertie DWR Conveyance

a) DCI Wheeling charges omitted from original budget; included in August rate revision.



San Luis & Delta-Mendota Water Authority
 FAC 02/05/2024 BOD 02/08/2024

INTERTIE VARIABLE COSTS

CONSIDERATION FOR RATE SETTING

	YR TYPE	AG ALLOCATION	VOLUME				TOTAL VARIABLE
				CONVEYANCE	PUE	INTERTIE	
WY2012	BN	40%	71,037	\$ 815,903	\$ 45,727	\$ 861,630	
WY2013	D	20%	1,956	\$ 23,415	\$ 56,385	\$ 79,800	
WY2014	C	0%	19,695	\$ 140,063	\$ 17,421	\$ 157,483	
WY2015	C	0%	4,733	\$ 72,451	\$ 36,991	\$ 109,442	
WY2016	BN	5%	83,665	\$ 1,395,917	\$ 183,395	\$ 1,579,312	
WY2017	W	100%	184,774	\$ 2,393,740	\$ 331,527	\$ 2,725,266	
WY2018	BN	50%	124,785	\$ 2,143,833	\$ 273,550	\$ 2,417,383	
WY2019	W	75%	102,482	\$ 551,211	\$ 244,344	\$ 795,555	
WY2020	D	100%	62,996	\$ 1,226,696	\$ 354,314	\$ 1,581,010	
WY2021	C	0%	48,805	\$ 259,789	\$ 282,422	\$ 542,211	
WY2022	C	0%	38,539	\$ 590,691	\$ 200,851	\$ 791,542	
WY2023	W	100%	130,225	\$ 3,286,731	\$ 279,354	\$ 3,566,084	
	TOTAL		873,692	\$ 12,900,439	\$ 2,306,280	\$ 15,206,718	

12 Year Average 72,808 \$ 1,075,037 \$ 192,190 \$ 1,267,227
 FY24 DWR Conveyance Rate \$ 26.58
 \$ 1,935,228 **ESTIMATED**

2% loss \$ (38,705)

Conveyance Cost on Avg Volume \$ 1,896,523

UPDATE: Per 01/17/24 WRC/FAC/BOD guidance; Wheeling charges estimated for WY24 @ 125,000 A-F @ 26.58 (net of 2% loss)

Guidance 125,000
 FY24 DWR Conveyance Rate \$ 26.58
 \$ 3,322,500

2% loss \$ (66,450)

Wheeling charges to use in Self-Funding Rates \$ 3,256,050

Note: Estimated DCI use during scheduled FY25 O'Neill Shutdown for 45 days @ 500 A-F/Day @ \$26.58 is \$586,089 (net of 2% loss).