



— BUREAU OF —
RECLAMATION

2021 Cost of Service Additional Service Water Rates Sch TR-1.Z23.xlsm
1/12/2021

CENTRAL VALLEY PROJECT
SCHEDULE OF WATER RATES FOR ADDITIONAL CVP SERVICES WHEN TRANSFERRING
CVP WATER TO CVP M&I WATER CONTRACTORS
2021 SPECIAL WATER RATES

A	B	C	D	E
Component / Facility	Net Construction Costs at 9/30/2019	Construction with Int. Annualized Costs @	7 Year Average Water Deliveries	Construction Cost per Acre-Foot
Ref	<M&I Sch A-4>	0.023374	<M&I Sch A-7 divided by 50>	(C/D)
Storage				
San Felipe Unit	\$ 9,431,182	\$ 321,804	78,764	\$4.09
All Other Contractors	\$ 40,293,993	\$ 1,374,883	280,359	\$4.90
Total Storage	\$ 49,725,175	\$ 1,696,688		
Conveyance				
Contra Costa Canal System	1/ \$ -	\$ -		-
All Other Contractors	\$ 25,818,842	\$ 880,972	190,856	\$4.62
Total Conveyance	\$ 25,818,842	\$ 880,972		
Conveyance Pumping				
Dos Amigos Pumping Plant				
Construction only	\$ 276,801	\$ 9,445	12,508 3/	\$0.76
PUE only	\$ 520,627	\$ 17,764	12,703	\$1.40
O'Neill P-Generator/Pumping Plant				
Construction only	\$ 2,335,101	\$ 79,677	91,938	\$0.87
PUE only	\$ 1,672,194	\$ 57,057	91,938	\$0.62
Jones Pumping Plant				
Friant Kern/Madera				
Construction only	2/ \$ 812,298	\$ 27,717	50,309 4/	\$0.55
PUE only	2/ \$ 3,519,328	\$ 120,084	50,309 4/	\$2.39
All Other Contractors				
Construction only	2/ \$ 1,625,596	\$ 55,467	100,355 1/	\$0.55
PUE only	2/ \$ 7,083,401	\$ 241,695	100,355 1/	\$2.41
Total Conveyance Pumping	\$ 17,845,347	\$ 608,906		

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Direct Pumping				
Bella Vista WD (Wintu PP)	\$ 824,749	\$ 28,142	3,556	\$7.91
Colusa County WD Relift PP	\$ 32,626	\$ 1,113	100	\$11.08
Contra Costa PP (Contra Costa WD)	\$ 4,941,073	\$ 168,596	102,755	\$1.64
Kanawha WD	\$ 837	\$ 29	7	\$4.17
Pleasant Valley PP (City of Coalinga)	\$ 203,735	\$ 6,952	5,396	\$1.29
Pleasant Valley WD Canalside Relift PP	\$ 48,882	\$ 1,668	5,396	\$0.31
San Benito County WD				
Gianelli, WR PGP	\$ 369,985	\$ 12,624		
Pacheco PP	\$ 227,023	\$ 7,746		
Total San Benito County WD	\$ 597,008	\$ 20,371	3,634	\$5.61
San Luis WD Canalside Relift PP	\$ 72,268	\$ 2,466	701	\$3.52
Santa Clara Valley WD				
Coyote PP	\$ 1,350,850	\$ 46,093		
Gianelli, WR PGP	\$ 7,859,118	\$ 268,163		
Pacheco PP	\$ 4,693,365	\$ 160,144		
Total Santa Clara WD	\$ 13,903,333	\$ 474,400	75,130	\$6.31
Shasta Pumping Plant (City of Shasta Lake)	\$ 581,793	\$ 19,852	1,926	\$10.31
State Delta PP (Cross Valley Canal)	\$ 17,249	\$ 589	195	\$3.01
Westlands WD Relifts	\$ 784,409	\$ 26,765	3,950	\$6.78
Total Direct Pumping	\$ 22,007,963	\$ 750,940		
Subtotal	\$ 115,397,327	\$ 3,937,507		
Other Costs				
Deferred Interest Capitalized	\$ 21,277,763	\$ 726,025		
Programmatic EIS Capitalized	\$ 4,045,954	\$ 138,053		
All others	\$ 6,220,873	\$ 212,264		
Total Other Costs	\$ 31,544,590	\$ 1,076,342	359,123	\$3.00
Total	\$ 146,941,917	\$ 5,013,849		

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Footnotes:

- 1/ Total Conveyance Pumping for Jones Pumping Plant less Delta Mendota Exchange
2/ Suballocation of Jones Pumping Plant costs:

	Historical & Projected Deliveries (1981-2030) (Sch A-7)	Ratio	M&I Construction Costs at 9/30/2018	Project Use Energy BOR	Project Use Energy DOE	Project Use Energy Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,493,027	0.331927	\$812,298	\$1,887,672	\$1,631,657	\$3,519,328
All Other Contractors	<u>5,017,750</u>	<u>0.668073</u>	<u>1,634,923</u>	<u>3,799,343</u>	<u>3,284,058</u>	<u>7,083,401</u>
Total	<u><u>7,510,777</u></u>	<u><u>1.000000</u></u>	<u><u>\$2,447,221</u></u> a/	<u><u>\$5,687,015</u></u> a/	<u><u>\$4,915,715</u></u> a/	<u><u>\$10,602,729</u></u>
a/ Jones Pumping Plant - Conveyance Pumping:						
Total Construction			\$13,049,950	(M&I Sch A-5)		
less: BOR PUE			5,687,015	(M&I Sch A-5)		
less: DOE PUE			<u>4,915,715</u>	(M&I Sch A-5)		
Construction Allocation			<u><u>\$2,447,221</u></u>			

- 3/ Cross Valley Canal contractors are charged for PUE construction component only. Therefore their deliveries are not included in determining the "Construction only" rate.
4/ Includes Friant Dam and Friant-Kern Canal