



CENTRAL VALLEY PROJECT
SCHEDULE OF M&I FULL COST ADDITIONAL SERVICE WATER RATES
AS OF SEPTEMBER 30, 2020
2022 SPECIAL WATER RATES

A	B	C	D	E	F	G	H	I	J	K
Component / Facility	Total M&I Construction at 9/30/2020	Ratio of Total	Allocation of Construction Repayment at 9/30/2020 ^{1/}	Unpaid M&I Construction			FY 2022 Projected Deliveries	Unpaid M&I Construction Cost Per Acre Foot		
				Net Unpaid Construction at 9/30/2020	Annualized Costs Remaining Years	Annual Interest @		Construction Only	Interest	Total
Ref	<Sch A-4>	(B/\$146,941,917)	(C*\$124,057,250)	at 9/30/2020 (B-D)	(E/10)	(E*0.08012)	<Sch S-6>	(F/H)	(G/H)	(I+J)
Storage										
San Felipe Unit	\$ 9,304,927	0.062262	\$ 7,897,324	\$ 1,407,603	\$ 140,760	\$ 112,777	87,338	\$ 1.61	\$ 1.29	\$ 2.90
All Other Contractors	\$ 40,290,759	0.269596	\$ 34,195,774	\$ 6,094,985	\$ 609,499	\$ 488,330	253,396	\$ 2.41	\$ 1.93	\$ 4.34
Total Storage	\$ 49,595,687	0.331858	\$ 42,093,099	\$ 7,502,588	\$ 750,259	\$ 601,107				
Conveyance										
Contra Costa Canal System ^{2/}	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
All Other Contractors	\$ 25,830,210	0.172837	\$ 21,922,744	\$ 3,907,465	\$ 390,747	\$ 313,066	174,188	\$ 2.24	\$ 1.80	\$ 4.04
Total Conveyance	\$ 25,830,210	0.172837	\$ 21,922,744	\$ 3,907,465	\$ 390,747	\$ 313,066				
Conveyance Pumping										
Dos Amigos Pumping Plant										
Construction only ^{3/}	\$ 272,058	0.001820	\$ 230,902	\$ 41,156	\$ 4,116	\$ 3,297	11,809	\$ 0.35	\$ 0.28	\$ 0.63
PUE only	\$ 541,747	0.003625	\$ 459,794	\$ 81,953	\$ 8,195	\$ 6,566	12,087	\$ 0.68	\$ 0.54	\$ 1.22
								\$ 1.03	\$ 0.82	\$ 1.85
O'Neill P-Generator/Pumping Plant										
Construction only	\$ 1,606,679	0.010751	\$ 1,363,629	\$ 243,050	\$ 24,305	\$ 19,473	99,569	\$ 0.24	\$ 0.20	\$ 0.44
PUE only	\$ 1,694,264	0.011337	\$ 1,437,965	\$ 256,300	\$ 25,630	\$ 20,535	99,569	\$ 0.26	\$ 0.21	\$ 0.47
								\$ 0.50	\$ 0.41	\$ 0.91
Jones Pumping Plant										
Friant Kern/Madera										
Construction only ^{4/ 5/}	\$ 1,455,694	0.009740	\$ 1,235,484	\$ 220,210	\$ 22,021	\$ 17,643	41,529	\$ 0.53	\$ 0.42	\$ 0.95
PUE only ^{4/ 5/}	\$ 3,591,265	0.024030	\$ 3,047,996	\$ 543,269	\$ 54,327	\$ 43,527	41,529	\$ 1.31	\$ 1.05	\$ 2.36
								\$ 1.84	\$ 1.47	\$ 3.31
All Other Contractors										
Construction only ^{4/ 6/}	\$ 2,898,354	0.019394	\$ 2,459,905	\$ 438,448	\$ 43,845	\$ 35,128	108,039	\$ 0.41	\$ 0.33	\$ 0.74
PUE only ^{4/ 6/}	\$ 7,173,385	0.047999	\$ 6,088,231	\$ 1,085,154	\$ 108,515	\$ 86,943	108,039	\$ 1.00	\$ 0.80	\$ 1.80
								\$ 1.41	\$ 1.13	\$ 2.54
Total Conveyance Pumping	\$ 19,233,445	0.128696	\$ 16,323,905	\$ 2,909,540	\$ 290,954	\$ 233,112				

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Direct Pumping										
Bella Vista WD (Wintu PP)	\$ 841,186	0.005629	\$ 713,935	\$ 127,250	\$ 12,725	\$ 10,195	3,934	\$ 3.23	\$ 2.59	\$ 5.82
Colusa County WD Relift PP	\$ 34,537	0.000231	\$ 29,312	\$ 5,225	\$ 522	\$ 419	125	\$ 4.17	\$ 3.34	\$ 7.51
Contra Costa PP (Contra Costa WD)	\$ 5,023,279	0.033612	\$ 4,263,383	\$ 759,897	\$ 75,990	\$ 60,883	84,489	\$ 0.90	\$ 0.72	\$ 1.62
Kanawha WD	\$ 1,208	0.000008	\$ 1,025	\$ 183	\$ 18	\$ 15	23	\$ 0.81	\$ 0.65	\$ 1.46
Pleasant Valley PP (City of Coalinga)	\$ 45,554	0.000305	\$ 38,663	\$ 6,891	\$ 689	\$ 552	5,584	\$ 0.12	\$ 0.10	\$ 0.22
Pleasant Valley WD Canalside Relift PP (City of Coalinga)	\$ 203,682	0.001363	\$ 172,870	\$ 30,812	\$ 3,081	\$ 2,469	5,584	\$ 0.55	\$ 0.44	\$ 0.99
San Benito County WD										
Pacheco PP	\$ 231,483	0.001549	\$ 196,465	\$ 35,018	\$ 3,502	\$ 2,806				
Gianelli, WR PGP	\$ 375,883	0.002515	\$ 319,022	\$ 56,862	\$ 5,686	\$ 4,556				
Total San Benito County WD	\$ 607,366	0.004064	\$ 515,487	\$ 91,879	\$ 9,188	\$ 7,361	5,406	\$ 1.70	\$ 1.36	\$ 3.06
San Luis WD Canalside Relift PP	\$ 74,114	0.000496	\$ 62,902	\$ 11,212	\$ 1,121	\$ 898	442	\$ 2.54	\$ 2.03	\$ 4.57
Santa Clara Valley WD										
Coyote PP	\$ 1,361,712	0.009112	\$ 1,155,719	\$ 205,993	\$ 20,599	\$ 16,504				
Pacheco PP	\$ 4,731,105	0.031657	\$ 4,015,407	\$ 715,698	\$ 71,570	\$ 57,342				
Gianelli, WR PGP	\$ 7,905,071	0.052895	\$ 6,709,231	\$ 1,195,840	\$ 119,584	\$ 95,811				
Total Santa Clara WD	\$ 13,997,887	0.093664	\$ 11,880,356	\$ 2,117,530	\$ 211,753	\$ 169,657	81,932	\$ 2.58	\$ 2.07	\$ 4.65
Shasta Pumping Plant (City of Shasta Lake)	\$ 573,010	0.003834	\$ 486,328	\$ 86,682	\$ 8,668	\$ 6,945	1,178	\$ 7.36	\$ 5.90	\$ 13.26
State Delta PP (Cross Valley Canal)	\$ 17,085	0.000114	\$ 14,501	\$ 2,585	\$ 258	\$ 207	278	\$ 0.93	\$ 0.74	\$ 1.67
Westlands WD Relifts	\$ 774,082	0.005180	\$ 656,983	\$ 117,099	\$ 11,710	\$ 9,382	2,670	\$ 4.39	\$ 3.51	\$ 7.90
Total Direct Pumping	\$ 22,192,990	0.148499	\$ 18,835,745	\$ 3,357,245	\$ 335,724	\$ 268,982				
Subtotal	\$ 116,852,331	0.781890	\$ 99,175,493	\$ 17,676,838	\$ 1,767,684	\$ 1,416,268				
Other Costs										
Deferred Interest Capitalized	\$ 21,277,763	0.142375	\$ 18,058,969	\$ 3,218,794	\$ 321,879	\$ 257,890				

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Programmatic EIS Capitalized	\$ 4,045,954	0.027073	\$ 3,433,902	\$ 612,052	\$ 61,205	\$ 49,038				
All others	\$ 7,272,599	0.048663	\$ 6,172,437	\$ 1,100,163	\$ 110,016	\$ 88,145				
Total Other Costs	\$ 32,596,316	0.218110	\$ 27,665,308	\$ 4,931,008	\$ 493,101	\$ 395,072	340,734	\$ 1.45	\$ 1.16	\$ 2.61
Total	<u>\$ 149,448,647</u>	<u>1.000000</u>	<u>\$ 126,840,801</u>	<u>\$ 22,607,846</u>	<u>\$ 2,260,785</u>	<u>\$ 1,811,341</u>				

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FOOTNOTES:

1/ Refer to M&I Water Rates, Schedule A-2Ba. Total Allocation of Construction Repayment is being reduced by the Assignment

Repayment as of 9/30/2020 (Column C of A-2Ba)	\$ 127,619,946
Construction Repayment per Assignment	<u>\$ (779,145)</u>
Adjusted M&I Construction Repayment	<u>\$ 126,840,801</u>

2/ Contra Costa WD's conveyance costs are recovered through a repayment contract.

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/ Suballocation of Jones Pumping Plant costs:

	Historical & Projected Deliveries (1981-2030) (Sch A-7)	Ratio	M&I Construction Costs at 9/30/2020	Project Use Energy BOR	Project Use Energy DOE	Project Use Energy Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,495,269	0.333617	\$ 1,455,694	\$ 1,824,887	\$ 1,766,378	\$ 3,591,265
All Other Contractors	<u>4,984,183</u>	<u>0.666383</u>	<u>\$ 2,907,681</u>	<u>\$ 3,645,127</u>	<u>\$ 3,528,258</u>	<u>\$ 7,173,385</u>
Total	<u>7,479,451</u>	<u>1.000000</u>	<u>\$ 4,363,375</u>	<u>a/ \$ 5,470,014</u>	<u>a/ \$ 5,294,636</u>	<u>a/ \$ 10,764,650</u>

a/ Jones Pumping Plant - Conveyance Pumping:

Total Construction Cos	\$ 15,128,024	(M&I Sch A-5)
less: BOR PUE	\$ 5,470,014	(M&I Sch A-5)
less: DOE PUE	\$ 5,294,636	(M&I Sch A-5)
Capital Allocation	<u>\$ 4,363,375</u>	

5/ FY 2022 projected deliveries include Friant Dam and Friant-Kern Canal

6/ FY 2022 projected deliveries for Jones PP do not include Delta Mendota Exchange contractors' deliveries.