

Special Rates 2020 Sch S-2.Z22.XLSM
12/23/2019

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I UNPAID CONSTRUCTION COSTS BY COMPONENT AND/OR FACILITY
AS OF SEPTEMBER 30, 2018
2020 SPECIAL WATER RATES

A	B	C	D	E	F	G	H	I	J	K
Component / Facility	Total Construction at 9/30/2018	Ratio of Total	Allocation of Construction Repayment at 9/30/2018	Net Unpaid Construction at 9/30/2018	Unpaid Construction Annualized Costs 11 Remaining Years (E/11)	E* Annual Interest @ 0.022904	FY 2020 Projected Deliveries	Unpaid Construction Cost Per Acre Foot Construction Only (F/H)	Unpaid Construction Cost Per Acre Foot Interest (G/H)	Unpaid Construction Cost Per Acre Foot Total (I+J)
Ref	<Sch A-4>			(B-D)			<Sch S-6>			
			B/ \$120,781,684 C* \$118,850,451							
Storage										
San Felipe Unit	\$ 6,246,846	0.051720	\$ 6,146,962	\$ 99,884	\$ 9,080.33	\$ 2,288	89,209	\$ 0.10	\$ 0.03	\$ 0.13
All Other Contractors	\$ 28,659,925	0.237287	\$ 28,201,668	\$ 458,257	\$ 41,660	\$ 10,496	270,338	\$ 0.15	\$ 0.04	\$ 0.19
Total Storage	\$ 34,906,770	0.289007	\$ 34,348,630	\$ 558,140	\$ 50,740	\$ 12,784				
Conveyance										
Contra Costa Canal System ^{3/}	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
All Other Contractors	\$ 20,203,981	0.167277	\$ 19,880,930	\$ 323,051	\$ 29,368	\$ 7,399	176,468	\$ 0.17	\$ 0.04	\$ 0.21
Total Conveyance	\$ 20,203,981	0.167277	\$ 19,880,930	\$ 323,051	\$ 29,368	\$ 7,399				
Conveyance Pumping										
Dos Amigos Pumping Plant										
Capital only ^{4/}	\$ 209,539	0.001735	\$ 206,189	\$ 3,350	\$ 305	\$ 77	11,011	\$ 0.03	\$ 0.01	\$ 0.04
PUE only	\$ 496,506	0.004111	\$ 488,567	\$ 7,939	\$ 722	\$ 182	11,289	\$ 0.06	\$ 0.02	\$ 0.08
								\$ 0.09	\$ 0.03	\$ 0.12
O'Neill P-Generator/Pumping Plant										
Capital only	\$ 1,186,289	0.009822	\$ 1,167,320	\$ 18,968	\$ 1,724	\$ 434	100,632	\$ 0.02	\$ -	\$ 0.02
PUE only	\$ 1,583,028	0.013107	\$ 1,557,717	\$ 25,312	\$ 2,301	\$ 580	100,632	\$ 0.02	\$ 0.01	\$ 0.03
								\$ 0.04	\$ 0.01	\$ 0.05
Jones Pumping Plant										
Friant Kern/Madera										
Capital only ^{5/ 6/}	\$ 579,337	0.004797	\$ 570,074	\$ 9,263	\$ 842	\$ 212	38,663	\$ 0.02	\$ 0.01	\$ 0.03
PUE only ^{5/ 6/}	\$ 3,360,638	0.027824	\$ 3,306,903	\$ 53,735	\$ 4,885	\$ 1,231	38,663	\$ 0.13	\$ 0.03	\$ 0.16
								\$ 0.15	\$ 0.04	\$ 0.19

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Ref	<Sch A-4>			(B-D)		0.022904	<Sch S-6>			
		B/ \$120,781,684	C* \$118,850,451							
All Other Contractors										
Capital only ^{5/ 7/}	\$ 1,147,711	0.009502	\$ 1,129,360	\$ 18,351	\$ 1,668	\$ 420	109,509	\$ 0.02	\$ -	\$ 0.02
PUE only ^{5/ 7/}	\$ 6,705,238	0.055515	\$ 6,598,025	\$ 107,213	\$ 9,747	\$ 2,456	109,509	\$ 0.09	\$ 0.02	\$ 0.11
								\$ 0.11	\$ 0.02	\$ 0.13
Total Conveyance Pumping	\$ 15,268,287	0.126412	\$ 15,024,155	\$ 244,132	\$ 22,194	\$ 5,592				
Direct Pumping										
Bella Vista WD (Wintu PP)	\$ 667,670	0.005528	\$ 656,994	\$ 10,676	\$ 971	\$ 245	4,190	\$ 0.23	\$ 0.06	\$ 0.29
Colusa County WD Relift PP	\$ 40,353	0.000334	\$ 39,707	\$ 645	\$ 59	\$ 15	136	\$ 0.43	\$ 0.11	\$ 0.54
Contra Costa PP (Contra Costa WD)	\$ 4,828,800	0.039980	\$ 4,751,590	\$ 77,210	\$ 7,019	\$ 1,768	96,890	\$ 0.07	\$ 0.02	\$ 0.09
Kanawha WD	\$ 450	0.000004	\$ 443	\$ 7	\$ 1	\$ 0	13	\$ 0.05	\$ 0.01	\$ 0.06
Pleasant Valley PP (City of Coalinga)	\$ 40,338	0.000334	\$ 39,693	\$ 645	\$ 59	\$ 15	5,108	\$ 0.01	\$ -	\$ 0.01
Pleasant Valley WD Canalside Relift PP (City of Coalinga)	\$ 159,125	0.001317	\$ 156,581	\$ 2,544	\$ 231	\$ 58	5,108	\$ 0.05	\$ 0.01	\$ 0.06
San Benito County WD			\$ -							
Pacheco PP	\$ 187,840	0.001555	\$ 184,836	\$ 3,003	\$ 273	\$ 69				
Gianelli, WR PGP	\$ 299,067	0.002476	\$ 294,285	\$ 4,782	\$ 435	\$ 110				
Total San Benito County WD	\$ 486,907	0.004031	\$ 479,122	\$ 7,785	\$ 708	\$ 178	4,001	\$ 0.18	\$ 0.04	\$ 0.22
San Luis WD Canalside Relift PP	\$ 188,847	0.001564	\$ 185,828	\$ 3,020	\$ 275	\$ 69	435	\$ 0.63	\$ 0.16	\$ 0.79
Santa Clara Valley WD										
Coyote PP	\$ 1,285,164	0.010640	\$ 1,264,615	\$ 20,549	\$ 1,868	\$ 471				
Pacheco PP	\$ 4,465,147	0.036969	\$ 4,393,752	\$ 71,395	\$ 6,490	\$ 1,635				
Gianelli, WR PGP	\$ 7,340,241	0.060773	\$ 7,222,874	\$ 117,366	\$ 10,670	\$ 2,688				
Total Santa Clara WD	\$ 13,090,551	0.108382	\$ 12,881,241	\$ 209,311	\$ 19,028	\$ 4,794	85,208	\$ 0.22	\$ 0.06	\$ 0.28

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Ref	<Sch A-4>			(B-D)		0.022904	<Sch S-6>			
		B/ \$120,781,684	C* \$118,850,451							
Shasta Pumping Plant (City of Shasta Lake)	\$ 564,873	0.004677	\$ 555,841	\$ 9,032	\$ 821	\$ 207	1,109	\$ 0.74	\$ 0.19	\$ 0.93
State Delta PP (Cross Valley Canal)	\$ 16,903	0.000140	\$ 16,633	\$ 270	\$ 25	\$ 6	278	\$ 0.09	\$ 0.02	\$ 0.11
Westlands WD Relifts	\$ 605,719	0.005015	\$ 596,034	\$ 9,685	\$ 880	\$ 222	2,687	\$ 0.33	\$ 0.08	\$ 0.41
Total Direct Pumping	\$ 20,690,536	0.171305	\$ 20,359,706	\$ 330,830	\$ 30,075	\$ 7,577				
Subtotal	\$ 91,069,574	0.754002	\$ 89,613,421	\$ 1,456,153	\$ 132,378	\$ 33,352				
Other Costs										
Deferred Interest Capitalized	\$ 21,277,763	0.176167	\$ 20,937,543	\$ 340,220	\$ 30,929	\$ 7,792				
Programmatic EIS Capitalized	\$ 3,579,070	0.029633	\$ 3,521,843	\$ 57,227	\$ 5,202	\$ 1,311				
All others	\$ 4,855,277	0.040199	\$ 4,777,644	\$ 77,633	\$ 7,058	\$ 1,778				
Total Other Costs	\$ 29,712,110	0.245998	\$ 29,237,030	\$ 475,081	\$ 43,189	\$ 10,881	359,547	\$ 0.12	\$ 0.03	\$ 0.15
Total	\$ 120,781,684	1.000000	\$118,850,451	\$ 1,931,234	\$ 175,567	\$ 44,233				

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I UNPAID CAPITAL COSTS BY COMPONENT AND/OR FACILITY
AS OF SEPTEMBER 30, 2018
2020 SPECIAL WATER RATES

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 9/30/18 (Column C of A-2Ba)	\$ 119,629,596
Construction Repayment per Assignment	<u>\$ (779,145)</u>
Adjusted M&I Construction Repayment	<u>\$ 118,850,451</u>

2/ Annual Interest of 0.022904 is from M&I Schedule A-13.

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

4/ Cross Valley Canal contractors are charged for PUE construction component only. Therefore their deliveries are not included in determining the "Construction only" rate.

5/ 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	DOE	Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,498,444	0.333864	\$ 579,337	\$ 1,909,877	\$ 1,450,761	\$ 3,360,638
All Other Contractors	<u>4,984,966</u>	<u>0.666136</u>	<u>\$ 1,155,910</u>	<u>\$ 3,810,639</u>	<u>\$ 2,894,599</u>	<u>\$ 6,705,238</u>
Total	<u>7,483,410</u>	<u>1.000000</u>	<u>\$ 1,735,248 a/</u>	<u>\$ 5,720,516 a/</u>	<u>\$ 4,345,360 a/</u>	<u>\$ 10,065,876</u>

a/ Jones Pumping Plant - Conveyance Pumping:			
Total Construction Cost	\$ 11,801,124		(M&I Sch A-5)
less: BOR PUE	\$ 5,720,516		(M&I Sch A-5)
less: DOE PUE	<u>\$ 4,345,360</u>		(M&I Sch A-5)
Capital Allocation	<u>\$ 1,735,248</u>		

6/ FY 2020 projected deliveries include Friant Dam and Friant-Kern Canal.

7/ FY 2020 projected deliveries for Jones PP do not include Delta Mendota Exchange contractors' deliveries.