

Special Rates 2017 Sch S-2.Z19.XLSTM
12/01/2016

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I UNPAID CONSTRUCTION COSTS BY COMPONENT AND/OR FACILITY
AS OF SEPTEMBER 30, 2015
2017 SPECIAL WATER RATES

A	B	C	D	E	F	G	H	I	J	K
Ref	Total Construction at 9/30/2015	Ratio of Total	Allocation of Construction Repayment at 9/30/2015 ^{1/}	Net Unpaid Construction at 9/30/2015	Unpaid Construction		FY 2017 Projected Deliveries	Unpaid Construction Cost Per Acre Foot		
					Annualized Costs 14 Remaining Years	Annual Interest @ 0.022838 ^{2/}		Construction Only	Interest	Total
	<Sch A-4>	B/ \$115,929,050	C* \$112,931,848	(B-D)	(E/14)	E* 0.022838	<Sch S-6>	(F/H)	(G/H)	(I+J)
Component / Facility										
Storage										
San Felipe Unit	\$ 6,258,130	0.053982	\$ 6,096,334	\$ 161,796	\$ 11,557	\$ 3,695	69,583	\$ 0.17	\$ 0.05	\$ 0.22
All Other Contractors	\$ 28,250,209	0.243685	\$ 27,519,835	\$ 730,374	\$ 52,170	\$ 16,680	218,519	\$ 0.24	\$ 0.08	\$ 0.32
Total Storage	\$ 34,508,339	0.297668	\$ 33,616,169	\$ 892,170	\$ 63,726	\$ 20,375				
Conveyance										
Contra Costa Canal System ^{3/}	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
All Other Contractors	\$ 18,482,654	0.159431	\$ 18,004,808	\$ 477,846	\$ 34,132	\$ 10,913	150,103	\$ 0.23	\$ 0.07	\$ 0.30
Total Conveyance	\$ 18,482,654	0.159431	\$ 18,004,808	\$ 477,846	\$ 34,132	\$ 10,913				
Conveyance Pumping										
Dos Amigos Pumping Plant										
Capital only ^{4/}	\$ 211,223	0.001822	\$ 205,762	\$ 5,461	\$ 390	\$ 125	8,956	\$ 0.04	\$ 0.01	\$ 0.05
PUE only	\$ 457,100	0.003943	\$ 445,282	\$ 11,818	\$ 844	\$ 270	9,179	\$ 0.09	\$ 0.03	\$ 0.12
								\$ 0.13	\$ 0.04	\$ 0.17
O'Neill P-Generator/Pumping Plant										
Capital only	\$ 1,246,950	0.010756	\$ 1,214,712	\$ 32,238	\$ 2,303	\$ 736	79,932	\$ 0.03	\$ 0.01	\$ 0.04
PUE only	\$ 1,435,564	0.012383	\$ 1,398,449	\$ 37,115	\$ 2,651	\$ 848	79,932	\$ 0.03	\$ 0.01	\$ 0.04
								\$ 0.06	\$ 0.02	\$ 0.08
Jones Pumping Plant										
Friant Kern/Madera										
Capital only ^{5/ 6/}	\$ 604,052	0.005211	\$ 588,435	\$ 15,617	\$ 1,116	\$ 357	33,053	\$ 0.03	\$ 0.01	\$ 0.04
PUE only ^{5/ 6/}	\$ 3,112,240	0.026846	\$ 3,031,777	\$ 80,463	\$ 5,747	\$ 1,838	33,053	\$ 0.17	\$ 0.06	\$ 0.23
								\$ 0.20	\$ 0.07	\$ 0.27

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<Sch A-4>	B/ \$115,929,050	C* \$112,931,848	(B-D)	(E/14)	E* 0.022838	<Sch S-6>	(F/H)	(G/H)	(I+J)	
Component / Facility										
All Other Contractors										
Capital only ^{5/ 7/}	\$ 1,179,365	0.010173	\$ 1,148,874	\$ 30,491	\$ 2,178	\$ 696	86,712	\$ 0.03	\$ 0.01	\$ 0.04
PUE only ^{5/7/}	\$ 6,077,971	0.052428	\$ 5,920,833	\$ 157,138	\$ 11,224	\$ 3,589	86,712	\$ 0.13	\$ 0.04	\$ 0.17
								\$ 0.16	\$ 0.05	\$ 0.21
Total Conveyance Pumping	\$ 14,324,464	0.123562	\$ 13,954,123	\$ 370,341	\$ 26,453	\$ 8,458				
Direct Pumping										
Bella Vista WD (Wintu PP)	\$ 656,927	0.005667	\$ 639,943	\$ 16,984	\$ 1,213	\$ 388	3,397	\$ 0.36	\$ 0.11	\$ 0.47
Colusa County WD Relift PP	\$ 3,595	0.000031	\$ 3,502	\$ 93	\$ 7	\$ 2	106	\$ 0.06	\$ 0.02	\$ 0.08
Contra Costa PP (Contra Costa WD)	\$ 4,365,478	0.037656	\$ 4,252,614	\$ 112,864	\$ 8,062	\$ 2,578	72,096	\$ 0.11	\$ 0.04	\$ 0.15
Kanawha WD	\$ 21	0.000000	\$ 20	\$ 1	\$ 0	\$ 0	5	\$ 0.01	\$ -	\$ 0.01
Pleasant Valley PP (City of Coalinga)	\$ 39,364	0.000340	\$ 38,347	\$ 1,018	\$ 73	\$ 23	4,010	\$ 0.02	\$ 0.01	\$ 0.03
Pleasant Valley WD Canalside Relift PP (City of Coalinga)	\$ 159,685	0.001377	\$ 155,557	\$ 4,128	\$ 295	\$ 94	4,010	\$ 0.07	\$ 0.02	\$ 0.09
San Benito County WD			\$ -							
Pacheco PP	\$ 164,188	0.001416	\$ 159,944	\$ 4,245	\$ 303	\$ 97				
Gianelli, WR PGP	\$ 274,256	0.002366	\$ 267,166	\$ 7,091	\$ 506	\$ 162				
Total San Benito County WD	\$ 438,445	0.003782	\$ 427,109	\$ 11,335	\$ 810	\$ 259	3,037	\$ 0.27	\$ 0.09	\$ 0.36
San Luis WD Canalside Relift PP	\$ 101,106	0.000872	\$ 98,492	\$ 2,614	\$ 187	\$ 60	1,489	\$ 0.13	\$ 0.04	\$ 0.17
Santa Clara Valley WD										
Coyote PP	\$ 1,158,132	0.009990	\$ 1,128,190	\$ 29,942	\$ 2,139	\$ 684				
Pacheco PP	\$ 4,023,788	0.034709	\$ 3,919,758	\$ 104,030	\$ 7,431	\$ 2,376				
Gianelli, WR PGP	\$ 6,720,917	0.057974	\$ 6,547,156	\$ 173,761	\$ 12,411	\$ 3,968				
Total Santa Clara WD	\$ 11,902,837	0.102673	\$ 11,595,104	\$ 307,733	\$ 21,981	\$ 7,028	66,546	\$ 0.33	\$ 0.11	\$ 0.44

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<Sch A-4>	B/ \$115,929,050	C* \$112,931,848	(B-D)	(E/14)	E* 0.022838	<Sch S-6>	(F/H)	(G/H)	(I+J)	
Component / Facility										
Shasta Pumping Plant (City of Shasta Lake)	\$ 558,853	0.004821	\$ 544,405	\$ 14,448	\$ 1,032	\$ 330	1,210	\$ 0.85	\$ 0.27	\$ 1.12
State Delta PP (Cross Valley Canal)	\$ 16,152	0.000139	\$ 15,735	\$ 418	\$ 30	\$ 10	222	\$ 0.13	\$ 0.04	\$ 0.17
Westlands WD Relifts	\$ 602,770	0.005199	\$ 587,186	\$ 15,584	\$ 1,113	\$ 356	2,197	\$ 0.51	\$ 0.16	\$ 0.67
Total Direct Pumping	\$ 18,845,234	0.162558	\$ 18,358,014	\$ 487,220	\$ 34,801	\$ 11,127				
Subtotal	\$ 86,160,691	0.743219	\$ 83,933,113	\$ 2,227,578	\$ 159,113	\$ 50,874				
Other Costs										
Deferred Interest Capitalized	\$ 21,277,763	0.183541	\$ 20,727,653	\$ 550,110	\$ 39,294	\$ 12,563				
Programmatic EIS Capitalized	\$ 3,544,928	0.030578	\$ 3,453,279	\$ 91,650	\$ 6,546	\$ 2,093				
All others	\$ 4,945,667	0.042661	\$ 4,817,803	\$ 127,864	\$ 9,133	\$ 2,920				
Total Other Costs	\$ 29,768,359	0.256781	\$ 28,998,735	\$ 769,624	\$ 54,973	\$ 17,577	288,102	\$ 0.19	\$ 0.06	\$ 0.25
Total	\$ 115,929,050	1.000000	\$112,931,848	\$ 2,997,202	\$ 214,086	\$ 68,450				

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I UNPAID CAPITAL COSTS BY COMPONENT AND/OR FACILITY
AS OF SEPTEMBER 30, 2015
2017 SPECIAL WATER RATES

Footnotes:

- 1/ Refer to M&I Water Rates, Schedule A-2Ba.
- 2/ Annual Interest of 0.022838 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 9/30/2015	Project Use Energy		
				BOR	DOE	Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,521,078	0.338647	\$ 604,052	\$ 1,683,704	\$ 1,428,536	\$ 3,112,240
All Other Contractors	4,923,476	0.661353	\$ 1,179,669	\$ 3,288,148	\$ 2,789,823	\$ 6,077,971
Total	<u>7,444,554</u>	<u>1.000000</u>	<u>\$ 1,783,721</u> a/	<u>\$ 4,971,852</u> a/	<u>\$ 4,218,359</u> a/	<u>\$ 9,190,211</u>
a/ Jones Pumping Plant - Conveyance Pumping:						
			Total Construction Cost \$ 10,973,932	(M&I Sch A-5)		
			less: BOR PUE \$ 4,971,852	(M&I Sch A-5)		
			less: DOE PUE \$ 4,218,359	(M&I Sch A-5)		
			Capital Allocation \$ <u>1,783,721</u>			

- 6/ FY 2017 projected deliveries include Friant Dam and Friant-Kern Canal.
- 7/ FY 2017 projected deliveries for Jones PP do not include Delta Mendota Exchange contractors' deliveries.