

Special Rates 2016 Sch S-2.Z18.XLSM
11/18/2015

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I UNPAID CONSTRUCTION COSTS BY COMPONENT AND/OR FACILITY
AS OF SEPTEMBER 30, 2014
2016 SPECIAL WATER RATES

A	B	C	D	E	F	G	H	I	J	K
Ref	Total Construction at 9/30/2014	Ratio of Total	Allocation of Construction Repayment at 9/30/2014 ^{1/}	Unpaid Construction			FY 2016 Projected Deliveries	Unpaid Construction Cost Per Acre Foot		
				Net Unpaid Construction at 9/30/2014	Annualized Costs 15 Remaining Years	Annual Interest @ 0.023037 ^{2/}		Construction Only	Interest	Total
	<Sch A-4>	(B/\$120,272,096)	(C*\$115,691,953)	(B-D)	(E/15)	(E*0.023037)	<Sch S-6>	(F/H)	(G/H)	(I+J)
Component / Facility										
Storage										
San Felipe Unit	\$ 6,873,436	0.057149	\$ 6,611,685	\$ 261,751	\$ 17,450	\$ 6,030	75,370	\$ 0.23	\$ 0.08	\$ 0.31
All Other Contractors	\$ 30,582,335	0.254276	\$ 29,417,714	\$ 1,164,622	\$ 77,641	\$ 26,829	233,026	\$ 0.33	\$ 0.12	\$ 0.45
Total Storage	\$ 37,455,771	0.311425	\$ 36,029,399	\$ 1,426,372	\$ 95,091	\$ 32,859				
Conveyance										
Contra Costa Canal System ^{3/}	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
All Other Contractors	\$ 19,857,570	0.165105	\$ 19,101,364	\$ 756,206	\$ 50,414	\$ 17,421	163,242	\$ 0.31	\$ 0.11	\$ 0.42
Total Conveyance	\$ 19,857,570	0.165105	\$ 19,101,364	\$ 756,206	\$ 50,414	\$ 17,421				
Conveyance Pumping										
Dos Amigos Pumping Plant										
Capital only ^{4/}	\$ 210,121	0.001747	\$ 202,119	\$ 8,002	\$ 533	\$ 184	9,263	\$ 0.06	\$ 0.02	\$ 0.08
PUE only	\$ 442,464	0.003679	\$ 425,614	\$ 16,850	\$ 1,123	\$ 388	9,486	\$ 0.12	\$ 0.04	\$ 0.16
								\$ 0.18	\$ 0.06	\$ 0.24
O'Neill P-Generator/Pumping Plant										
Capital only	\$ 1,358,540	0.011296	\$ 1,306,805	\$ 51,735	\$ 3,449	\$ 1,192	86,103	\$ 0.04	\$ 0.01	\$ 0.05
PUE only	\$ 1,425,963	0.011856	\$ 1,371,661	\$ 54,303	\$ 3,620	\$ 1,251	86,103	\$ 0.04	\$ 0.01	\$ 0.05
								\$ 0.08	\$ 0.02	\$ 0.10
Jones Pumping Plant										
Friant Kern/Madera										
Capital only ^{5/ 6/}	\$ 635,504	0.005284	\$ 611,303	\$ 24,201	\$ 1,613	\$ 558	40,234	\$ 0.04	\$ 0.01	\$ 0.05
PUE only ^{5/ 6/}	\$ 3,044,736	0.025315	\$ 2,928,788	\$ 115,948	\$ 7,730	\$ 2,671	40,234	\$ 0.19	\$ 0.07	\$ 0.26
								\$ 0.23	\$ 0.08	\$ 0.31

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Ref	Total Construction at 9/30/2014	Ratio of Total	Allocation of Construction Repayment at 9/30/2014	Net Unpaid Construction at 9/30/2014	Unpaid Construction Annualized Costs 15 Remaining Years	Annual Interest @ 0.023037	FY 2016 Projected Deliveries	Unpaid Construction Cost Per Acre Foot		
<Sch A-4>	(B/\$120,272,096)	(C*\$115,691,953)	(B-D)	(E/15)	(E*0.023037)	<Sch S-6>	(F/H)	(G/H)	(I+J)	(I+J)
Component / Facility										
All Other Contractors										
Capital only ^{5/ 7/}	\$ 1,286,116	0.010693	\$ 1,237,138	\$ 48,977	\$ 3,265	\$ 1,128	93,381	\$ 0.03	\$ 0.01	\$ 0.04
PUE only ^{5/ 7/}	\$ 6,162,895	0.051241	\$ 5,928,203	\$ 234,692	\$ 15,646	\$ 5,407	93,381	\$ 0.17	\$ 0.06	\$ 0.23
								\$ 0.20	\$ 0.07	\$ 0.27
Total Conveyance Pumping	\$ 14,566,339	0.121112	\$ 14,011,630	\$ 554,708	\$ 36,981	\$ 12,779				
Direct Pumping										
Bella Vista WD (Wintu PP)	\$ 661,840	0.005503	\$ 636,636	\$ 25,204	\$ 1,680	\$ 581	3,683	\$ 0.46	\$ 0.16	\$ 0.62
Colusa County WD Relift PP	\$ 3,768	0.000031	\$ 3,625	\$ 144	\$ 10	\$ 3	126	\$ 0.08	\$ 0.03	\$ 0.11
Contra Costa PP (Contra Costa WD)	\$ 4,275,481	0.035548	\$ 4,112,664	\$ 162,817	\$ 10,854	\$ 3,751	76,770	\$ 0.14	\$ 0.05	\$ 0.19
Kanawha WD	\$ 21	0.000000	\$ 20	\$ 1	\$ 0	\$ 0	6	\$ 0.01	\$ -	\$ 0.01
Pleasant Valley PP (City of Coalinga)	\$ 38,645	0.000321	\$ 37,173	\$ 1,472	\$ 98	\$ 34	4,268	\$ 0.02	\$ 0.01	\$ 0.03
Pleasant Valley WD Canalside Relift PP (City of Coalinga)	\$ 158,989	0.001322	\$ 152,934	\$ 6,055	\$ 404	\$ 139	4,268	\$ 0.09	\$ 0.03	\$ 0.12
San Benito County WD			\$ -							
Pacheco PP	\$ 167,149	0.001390	\$ 160,784	\$ 6,365	\$ 424	\$ 147				
Gianelli, WR PGP	\$ 281,895	0.002344	\$ 271,160	\$ 10,735	\$ 716	\$ 247				
Total San Benito County WD	\$ 449,044	0.003734	\$ 431,944	\$ 17,100	\$ 1,140	\$ 394	3,372	\$ 0.34	\$ 0.12	\$ 0.46
San Luis WD Canalside Relift PP	\$ 102,379	0.000851	\$ 98,480	\$ 3,899	\$ 260	\$ 90	1,576	\$ 0.16	\$ 0.06	\$ 0.22
Santa Clara Valley WD										
Coyote PP	\$ 1,154,055	0.009595	\$ 1,110,106	\$ 43,948	\$ 2,930	\$ 1,012				
Pacheco PP	\$ 4,009,625	0.033338	\$ 3,856,932	\$ 152,693	\$ 10,180	\$ 3,518				
Gianelli, WR PGP	\$ 6,762,055	0.056223	\$ 6,504,546	\$ 257,509	\$ 17,167	\$ 5,932				
Total Santa Clara WD	\$ 11,925,734	0.099156	\$ 11,471,584	\$ 454,150	\$ 30,277	\$ 10,462	71,998	\$ 0.42	\$ 0.15	\$ 0.57

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<Sch A-4>	(B/\$120,272,096)	(C*\$115,691,953)	(B-D)	(E/15)	(E*0.023037)	<Sch S-6>	(F/H)	(G/H)	(I+J)	(I+J)
Component / Facility										
Shasta Pumping Plant (City of Shasta Lake)	\$ 556,347	0.004626	\$ 535,161	\$ 21,187	\$ 1,412	\$ 488	1,354	\$ 1.04	\$ 0.36	\$ 1.40
State Delta PP (Cross Valley Canal)	\$ 16,134	0.000134	\$ 15,519	\$ 614	\$ 41	\$ 14	223	\$ 0.18	\$ 0.06	\$ 0.24
Westlands WD Relifts	\$ 595,246	0.004949	\$ 572,578	\$ 22,668	\$ 1,511	\$ 522	2,138	\$ 0.71	\$ 0.24	\$ 0.95
Total Direct Pumping	\$ 18,783,627	0.156176	\$ 18,068,318	\$ 715,309	\$ 47,687	\$ 16,478				
Subtotal	\$ 90,663,307	0.753818	\$ 87,210,711	\$ 3,452,596	\$ 230,173	\$ 79,537				
Other Costs										
Deferred Interest Capitalized	\$ 21,277,763	0.176914	\$ 20,467,474	\$ 810,289	\$ 54,019	\$ 18,666				
Programmatic EIS Capitalized	\$ 3,544,928	0.029474	\$ 3,409,932	\$ 134,996	\$ 9,000	\$ 3,110				
All others	\$ 4,786,098	0.039794	\$ 4,603,836	\$ 182,262	\$ 12,151	\$ 4,199				
Total Other Costs	\$ 29,608,789	0.246182	\$ 28,481,241	\$ 1,127,547	\$ 75,170	\$ 25,975	308,396	\$ 0.24	\$ 0.08	\$ 0.32
Total	\$ 120,272,096	1.000000	\$ 115,691,953	\$ 4,580,143	\$ 305,343	\$ 105,512				

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I UNPAID CAPITAL COSTS BY COMPONENT AND/OR FACILITY
AS OF SEPTEMBER 30, 2014
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Footnotes:

- 1/ Refer to M&I Water Rates, Schedule A-2Ba.
- 2/ Annual Interest of 0.023037 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 9/30/2014	Project Use Energy		
				BOR	DOE	Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,580,190	0.330675	\$ 635,504	\$ 1,665,187	\$ 1,379,548	\$ 3,044,736
All Other Contractors	<u>5,222,601</u>	<u>0.669325</u>	<u>\$ 1,286,332</u>	<u>\$ 3,370,531</u>	<u>\$ 2,792,365</u>	<u>\$ 6,162,895</u>
Total	<u>7,802,791</u>	<u>1.000000</u>	<u>\$ 1,921,836</u> a/	<u>\$ 5,035,718</u> a/	<u>\$ 4,171,913</u> a/	<u>\$ 9,207,631</u>
a/ Jones Pumping Plant - Conveyance Pumping:						
			Total Construction Cost \$ 11,129,467	(M&I Sch A-5)		
			less: BOR PUE \$ 5,035,718	(M&I Sch A-5)		
			less: DOE PUE \$ 4,171,913	(M&I Sch A-5)		
			<u>Capital Allocation \$ 1,921,836</u>			

- 6/ FY 2016 projected deliveries include Friant Dam and Friant-Kern Canal
- 7/ FY 2016 projected deliveries for Jones PP do not include Delta Mendota Exchange contractors' deliveries.