

Special Rates 2016 Sch S-1.Z18.XLSM  
11/20/2015

CENTRAL VALLEY PROJECT  
SCHEDULE OF IRRIGATION 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
Component/Facility	Net Construction Costs at 9/30/2014	Ratio of Total	Cumulative Construction Repayment at 9/30/2014 1/	Net Unpaid Construction at 9/30/2014	Unpaid Construction		Unpaid Construction Cost Per Acre Foot
					Annualized Costs 15 Remaining Years	FY 2016 Projected Deliveries	
Ref.	<Sch A-4>	<B/\$1,196,435,522>	<C*\$526,156,673>	<B-D>	<E/15>	<Sch S-5>	<F/G>
<b>Storage</b>							
San Felipe Unit Contractors	\$ 3,388,377	0.002832	\$ 1,490,107	\$ 1,898,270	\$ 126,551	18,450	\$ 6.86
All Other Contractors	\$ 384,738,174	0.321570	\$ 169,196,379	\$ 215,541,795	\$ 14,369,453	1,335,270	\$ 10.76
Total Storage	\$ 388,126,551	0.324402	\$ 170,686,486	\$ 217,440,065	\$ 14,496,004		
<b>Conveyance</b>							
Contra Costa WD	\$ -	-	\$ -	\$ -	\$ -	-	\$ -
All Other Contractors	\$ 406,425,309	0.339697	\$ 178,733,734	\$ 227,691,575	\$ 15,179,438	1,353,720	\$ 11.21
Total Conveyance	\$ 406,425,309	0.339697	\$ 178,733,734	\$ 227,691,575	\$ 15,179,438		
<b>Conveyance Pumping</b>							
Corning Pumping Plant							
Construction only	\$ 2,514,449	0.002102	\$ 1,105,780	\$ 1,408,669	\$ 93,911	11,753	\$ 7.99
PUE only	\$ 355,611	0.000297	\$ 156,387	\$ 199,224	\$ 13,282	11,753	\$ 1.13
							\$ 9.12
DMC California Aqueduct Intertie	\$ 26,872,613	0.022461	\$ 11,817,774	\$ 15,054,839	\$ 313,642	464,594	\$ 0.68
Dos Amigos Pumping Plant							
Construction only	\$ 13,939,507	0.011651	\$ 6,130,180	\$ 7,809,327	\$ 520,622	363,640	2/ \$ 1.43
PUE only	\$ 25,341,463	0.021181	\$ 11,144,420	\$ 14,197,043	\$ 946,470	386,670	\$ 2.45
							\$ 3.88
O'Neill Pump-Generator Plant							
Construction only	\$ 11,352,669	0.009489	\$ 4,992,565	\$ 6,360,104	\$ 424,007	383,814	\$ 1.10
PUE only	\$ 10,925,597	0.009132	\$ 4,804,752	\$ 6,120,845	\$ 408,056	383,814	\$ 1.06
							\$ 2.16
Jones Pumping Plant							
Delta Mendota Exchange							
Construction only	\$ 8,273,325	3/ 0.006915	\$ 3,638,362	\$ 4,634,963	\$ 308,998	452,000	4/ \$ 0.68
PUE only	\$ 31,393,741	3/ 0.026239	\$ 13,806,031	\$ 17,587,709	\$ 1,172,514	452,000	4/ \$ 2.59
							\$ 3.27

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					Annualized Costs 15 Remaining Years	FY 2016 Projected Deliveries		
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All Other Contractors								
Construction only	\$ 14,144,356	3/	0.011822	\$ 6,220,266	\$ 7,924,090	\$ 528,273	464,594	5/ \$ 1.14
PUE only	\$ 53,956,172	3/	0.045097	\$ 23,728,316	\$ 30,227,856	\$ 2,015,190	464,594	5/ \$ 4.34
							<u>\$ 5.48</u>	
Total Conveyance Pumping	\$ 199,069,502		0.166385	\$ 87,544,832	\$ 111,524,670	\$ 6,744,965		
<b>Direct Pumping</b>								
Bella Vista WD (Wintu PP)	\$ 1,580,794		0.001321	\$ 695,186	\$ 885,608	\$ 59,041	4,636	\$ 12.74
Colusa County WD Relift PP	\$ 12,857,005		0.010746	\$ 5,654,128	\$ 7,202,878	\$ 480,192	26,647	\$ 18.02
Colusa Service Area - Cortina	\$ 139,793		0.000117	\$ 61,477	\$ 78,316	\$ 5,221	491	\$ 10.63
Colusa Service Area - Davis	\$ 175,190		0.000146	\$ 77,044	\$ 98,147	\$ 6,543	1,792	\$ 3.65
Corning WD Relift PP	\$ 3,315,003		0.002771	\$ 1,457,839	\$ 1,857,163	\$ 123,811	8,113	\$ 15.26
Dunnigan WD Relift PP	\$ 1,672,094		0.001398	\$ 735,337	\$ 936,757	\$ 62,450	6,584	\$ 9.49
Kanawha WD Relift PP	\$ 2,858,466		0.002389	\$ 1,257,068	\$ 1,601,398	\$ 106,760	19,527	\$ 5.47
Orland-Artois WD Relift PP	\$ 7,610,655		0.006361	\$ 3,346,939	\$ 4,263,716	\$ 284,248	22,099	\$ 12.86
Panoche WD Relift PP	\$ 23,691		0.000020	\$ 10,418	\$ 13,272	\$ 885	21,364	\$ 0.04
Proberta WD Relift PP	\$ 199,919		0.000167	\$ 87,919	\$ 112,001	\$ 7,467	1,522	\$ 4.91
San Benito County WD								
Gianelli, WR PGP	\$ 1,021,059		0.000853	\$ 449,031	\$ 572,028	\$ 38,135		
Pacheco PP	\$ 597,599		0.000499	\$ 262,806	\$ 334,793	\$ 22,320		
Total San Benito County WD	\$ 1,618,658		0.001353	\$ 711,838	\$ 906,821	\$ 60,455	8,663	\$ 6.98
San Luis WD Canalside Relift PP	\$ 12,023,608		0.010050	\$ 5,287,624	\$ 6,735,983	\$ 449,066	24,442	\$ 18.37
Santa Clara Valley WD								
Coyote PP	\$ 169,353		0.000142	\$ 74,476	\$ 94,877	\$ 6,325		
Gianelli, WR PGP	\$ 967,289		0.000808	\$ 425,385	\$ 541,904	\$ 36,127		
Pacheco PP	\$ 588,398		0.000492	\$ 258,760	\$ 329,638	\$ 21,976		
Total Santa Clara Valley WD	\$ 1,725,040		0.001442	\$ 758,621	\$ 966,419	\$ 64,428	9,787	\$ 6.58

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Ref.	<Sch A-4>	<B/\$1,196,435,522>	<C*\$526,156,673>	<B-D>	<E/15>	<Sch S-5>	<F/G>
State Delta PP (CVC Contractors)	\$ 3,492,696	0.002919	\$ 1,535,984	\$ 1,956,713	\$ 130,448	23,030	\$ 5.66
Westlands WD							
Pleasant Valley Canalside Relifts	\$ 1,380,422	0.001154	\$ 607,068	\$ 773,354	\$ 51,557		
Pleasant Valley PP	\$ 12,857,246	0.010746	\$ 5,654,233	\$ 7,203,012	\$ 480,201		
Westlands WD Canalside Relifts	\$ 46,273,057	0.038676	\$ 20,349,511	\$ 25,923,546	\$ 1,728,236		
Total Westlands WD	\$ 60,510,725	0.050576	\$ 26,610,813	\$ 33,899,912	\$ 2,259,994	316,833	\$ 7.13
Westside WD Canalside Relifts	\$ 7,043,917	0.005887	\$ 3,097,705	\$ 3,946,213	\$ 263,081	26,957	\$ 9.76
Total Direct Pumping	\$ 116,847,255	0.097663	\$ 51,385,939	\$ 65,461,316	\$ 4,364,088		
<b>San Luis Drain</b>	<b>6/</b>						
Panoche WD	\$ 2,754,968	0.002303	\$ 1,211,553	\$ 1,543,415	\$ 102,894	21,364	
San Luis WD	\$ 3,641,444	0.003044	\$ 1,601,398	\$ 2,040,045	\$ 136,003	24,442	
Westlands WD	\$ 45,985,140	0.038435	\$ 20,222,894	\$ 25,762,246	\$ 1,717,483	316,017	
Total San Luis Drain	\$ 52,381,552	0.043781	\$ 23,035,845	\$ 29,345,707	\$ 1,956,380	361,823	\$ 5.41
Subtotal	\$ 1,162,850,169	0.971929	\$ 511,386,836	\$ 651,463,333	\$ 42,740,875		
<b>Other Costs</b>							
Programmatic EIS Capitalized	\$ 14,077,843	0.011766	\$ 6,191,015	\$ 7,886,827	\$ 525,788		
All Others	\$ 19,507,510	0.016305	\$ 8,578,822	\$ 10,928,689	\$ 728,579		
Total Other Costs	\$ 33,585,353	0.028071	\$ 14,769,837	\$ 18,815,516	\$ 1,254,368	1,549,749	\$ 0.81
Total	\$ 1,196,435,522	1.000000	\$ 526,156,673	\$ 670,278,849	\$ 43,995,243		

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**Footnotes:**

1/ Refer to Irrigation Water Rates, Schedule A-2Ba  
Cumulative Construction Repaid at 9/30/2014

\$ 526,156,673

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

3/ Suballocation of Jones Pumping Plant Costs:

	Historical & Projected Deliveries (1981-2030) <Sch A-7>	Ratio of Total	Allocated Construction Costs Allocated	Project Use Energy		
				BOR	DOE	TOTAL
Delta-Mendota Exchange	29,996,341	0.367824	\$ 8,273,325	\$ 18,119,136	\$ 13,274,605	\$ 31,393,741
All Other Contractors	<u>51,554,472</u>	<u>0.632176</u>	<u>\$ 14,219,297</u>	<u>\$ 31,141,214</u>	<u>\$ 22,814,957</u>	<u>\$ 53,956,172</u>
Total	<u>81,550,813</u>	<u>1.000000</u>	<u>\$ 22,492,622 a/</u>	<u>\$ 49,260,350 a/</u>	<u>\$ 36,089,562 a/</u>	<u>\$ 85,349,912</u>

a/ Jones Pumping Plant - Conveyance Pumping:  
Total Construction \$ 107,842,534 <Sch A-5>  
less: BOR PUE \$ 49,260,350 <Sch A-5>  
less: DOE PUE \$ 36,089,562 <Sch A-5>  
Construction Allocation \$ 22,492,622

4/ Includes Friant-Kern Canal - Class 1 and Madera Canal - Class 1

5/ Total Conveyance Pumping for Jones Pumping Plant less Delta-Mendota Exchange

6/ San Luis Drain allocated to Panoche WD, San Luis WD, and Westlands WD on the basis of their projected San Luis Canal deliveries:

	Historical & Projected Deliveries (1981-2030) <Sch A-4>	Ratio of Total	Allocated Construction Costs at 9/30/2014
San Luis Canal Contractors:			
Panoche WD	2,048,840	0.052594	\$ 2,754,968
San Luis WD	2,708,102	0.069518	\$ 3,641,444
Westlands WD	34,198,652	0.877888	\$ 45,985,140
Total	<u>38,955,595</u>	<u>1.000000</u>	<u>\$ 52,381,552</u>