RECLAMATION
Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

Special Rates 2019 Sch S-1.Z21.XLSM
1/7/2019

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION UNPAID CONSTRUCTION COSTS BY COMPONENT AND/OR FACILITY
AS OF SEPTEMBER 30, 2017
2019 SPECIAL WATER RATES

A	B	C	D	E	F	G	H
				Unpaid Construction			
Component/Facility	**Net Construction Costs at 9/30/2017**	**Ratio of Total**	**Cumulative Construction Repayment at 9/30/2017 1/**	**Net Unpaid Construction at 9/30/2017**	**Annualized Costs 12 Remaining Years**	**FY 2019 Projected Deliveries**	**Unpaid Construction Cost Per Acre Foot**
Ref	<Sch A-4>	<B/$1,177,472,761>	<C*$586,911,686>	<B-D>	<E/12>	<Sch S-5>	<F/G>
Storage							
San Felipe Unit Contractors	$ 3,206,948	0.002724	$ 1,598,504	$ 1,608,444	$ 134,037	17,441	$ 7.68
All Other Contractors	$ 386,375,517	0.328140	$ 192,589,004	$ 193,786,513	$ 16,148,876	1,379,857	$ 11.70
Total Storage	$ 389,582,465	0.330863	$ 194,187,508	$ 195,394,957	$ 16,282,913		
Conveyance							
Contra Costa WD	$ -	-	$ -	$ -	$ -	-	$ -
All Other Contractors	$ 407,209,012	0.345833	$ 202,973,467	$ 204,235,546	$ 17,019,629	1,229,887	$ 13.84
Total Conveyance	$ 407,209,012	0.345833	$ 202,973,467	$ 204,235,546	$ 17,019,629		
Conveyance Pumping							
Corning Pumping Plant							
Construction only	$ 2,513,939	0.002135	$ 1,253,074	$ 1,260,865	$ 105,072	10,787	$ 9.74
PUE only	$ 351,082	0.000298	$ 174,997	$ 176,085	$ 14,674	10,787	$ 1.36
							$ 11.10
Dos Amigos Pumping Plant							
Construction only	$ 13,798,013	0.011718	$ 6,877,624	$ 6,920,389	$ 576,699	422,279 2/	$ 1.37
PUE only	$ 26,473,563	0.022483	$ 13,195,756	$ 13,277,807	$ 1,106,484	439,094	$ 2.52
							$ 3.89
O'Neill Pump-Generator Plant							
Construction only	$ 11,315,196	0.009610	$ 5,640,063	$ 5,675,133	$ 472,928	441,263	$ 1.07
PUE only	$ 11,433,461	0.009710	$ 5,699,013	$ 5,734,449	$ 477,871	441,263	$ 1.08
							$ 2.15
Jones Pumping Plant							
Delta Mendota Exchange							
Construction only	$ 8,243,174 3/	0.007001	$ 4,108,813	$ 4,134,361	$ 344,530	406,582 4/	$ 0.85
PUE only	$ 32,880,581 3/	0.027925	$ 16,389,337	$ 16,491,245	$ 1,374,270	406,582 4/	$ 3.38
							$ 4.23

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Ref	<Sch A-4>	<B/$1,177,472,761>	<C*$586,911,686>	<B-D>	<E/12>	<Sch S-5>	<F/G>
All Other Contractors							
Construction only	$ 13,972,737 **3/**	0.011867	$ 6,964,715	$ 7,008,021	$ 584,002	518,402 **5/**	$ 1.13
PUE only	$ 56,192,020 **3/**	0.047723	$ 28,008,931	$ 28,183,089	$ 2,348,591	518,402 **5/**	$ 4.53
							$ 5.66
Total Conveyance Pumping	$ 177,173,765	0.150470	$ 88,312,322	$ 88,861,443	$ 7,405,120		
Direct Pumping							
Bella Vista WD (Wintu PP)	$ 1,574,436	0.001337	$ 784,778	$ 789,658	$ 65,805	4,254	$ 15.47
Colusa County WD Relift PP	$ 12,614,939	0.010714	$ 6,287,921	$ 6,327,019	$ 527,252	30,188	$ 17.47
Colusa Service Area - Cortina	$ 139,501	0.000118	$ 69,535	$ 69,967	$ 5,831	558	$ 10.45
Colusa Service Area - Davis	$ 173,920	0.000148	$ 86,690	$ 87,229	$ 7,269	2,633	$ 2.76
Corning WD Relift PP	$ 3,315,075	0.002815	$ 1,652,400	$ 1,662,675	$ 138,556	8,009	$ 17.30
Dunnigan WD Relift PP	$ 1,670,059	0.001418	$ 832,442	$ 837,618	$ 69,801	8,223	$ 8.49
Kanawha WD Relift PP	$ 2,854,014	0.002424	$ 1,422,584	$ 1,431,430	$ 119,286	23,756	$ 5.02
Orland-Artois WD Relift PP	$ 7,519,748	0.006386	$ 3,748,221	$ 3,771,527	$ 314,294	23,869	$ 13.17
Panoche WD Relift PP	$ 24,068	0.000020	$ 11,997	$ 12,071	$ 1,006	20,806	$ 0.05
Proberta WD Relift PP	$ 199,089	0.000169	$ 99,236	$ 99,853	$ 8,321	1,234	$ 6.75
San Benito County WD							
Gianelli, WR PGP	$ 1,012,575	0.000860	$ 504,718	$ 507,857	$ 42,321		
Pacheco PP	$ 596,103	0.000506	$ 297,128	$ 298,975	$ 24,915		
Total San Benito County WD	$ 1,608,678	0.001366	$ 801,846	$ 806,832	$ 67,236	8,780	$ 7.66
San Luis WD Canalside Relift PP	$ 12,064,632	0.010246	$ 6,013,620	$ 6,051,012	$ 504,251	31,098	$ 16.21
Santa Clara Valley WD							
Coyote PP	$ 158,357	0.000134	$ 78,933	$ 79,424	$ 6,619		
Gianelli, WR PGP	$ 883,951	0.000751	$ 440,606	$ 443,346	$ 36,945		
Pacheco PP	$ 550,193	0.000467	$ 274,244	$ 275,949	$ 22,996		
Total Santa Clara Valley WD	$ 1,592,502	0.001352	$ 793,783	$ 798,719	$ 66,560	8,662	$ 7.68

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State Delta PP (CVC Contractors)	$ 3,385,432	0.002875	$ 1,687,470	$ 1,697,962	$ 141,497	16,816	$ 8.41
Westlands WD							
Pleasant Valley Canalside Relifts	$ 1,381,947	0.001174	$ 688,832	$ 693,115	$ 57,760		
Pleasant Valley PP	$ 13,002,678	0.011043	$ 6,481,189	$ 6,521,489	$ 543,457		
Westlands WD Canalside Relifts	$ 46,543,836	0.039529	$ 23,199,790	$ 23,344,046	$ 1,945,337		
Total Westlands WD	$ 60,928,461	0.051745	$ 30,369,811	$ 30,558,649	$ 2,546,554	368,947	$ 6.90
Westside WD Canalside Relifts	$ 7,025,001	0.005966	$ 3,501,614	$ 3,523,387	$ 293,616	32,635	$ 9.00
Total Direct Pumping	$ 116,689,555	0.099102	$ 58,163,947	$ 58,525,608	$ 4,877,134		
San Luis Drain 6/							
Panoche WD	$ 2,635,213	0.002238	$ 1,313,523	$ 1,321,690	$ 110,141	20,806	
San Luis WD	$ 3,705,492	0.003147	$ 1,847,004	$ 1,858,488	$ 154,874	31,098	
Westlands WD	$ 46,040,847	0.039101	$ 22,949,075	$ 23,091,771	$ 1,924,314	368,196	
Total San Luis Drain	$ 52,381,552	0.044486	$ 26,109,602	$ 26,271,950	$ 2,189,329	420,101	$ 5.21
Subtotal	$ 1,143,036,349	0.970754	$ 569,746,845	$ 573,289,504	$ 47,774,125		
Other Costs							
Programmatic EIS Capitalized	$ 13,683,407	0.011621	$ 6,820,498	$ 6,862,908	$ 571,909		
All Others	$ 20,753,005	0.017625	$ 10,344,342	$ 10,408,663	$ 867,389		
Total Other Costs	$ 34,436,412	0.029246	$ 17,164,841	$ 17,271,571	$ 1,439,298	1,552,257	$ 0.93
Subtotal	$ 1,177,472,761	1.000000	$ 586,911,686	$ 590,561,075	$ 49,213,423		
DMC California Aqueduct Intertie 7/	$ 29,861,795		$ 4,386,700	$ 25,475,094	$ 566,113	518,402	$ 1.09
Total	**$ 1,207,334,556**						

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Footnotes:

1/ Refer to Irrigation Water Rates, Schedule A-2Ba. Total Allocation of Construction is being increased by the Assignment.

Repayment as of 9/30/17 (Column C of A-2Ba)	$ 586,132,541
Construction Repayment per Assignment	$ 779,145
Adjusted Irrigation Construction Repayment	$ 586,911,686

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	Project Use Energy DOE	Project Use Energy TOTAL
Delta-Mendota Exchange	29,289,252	0.369144	$ 8,243,174	$ 18,878,543	$ 14,002,038	$ 32,880,581
All Other Contractors	50,054,536	0.630856	$ 14,087,360	$ 32,262,917	$ 23,929,103	$ 56,192,020
Total	79,343,788	1.000000	$ 22,330,534 **a/**	$ 51,141,460 **a/**	$ 37,931,141 **a/**	$ 89,072,601

a/ Jones Pumping Plant - Conveyance Pumping:

Total Construction	$ 111,403,135	**<Sch A-5>**
less: BOR PUE	$ 51,141,460	**<Sch A-5>**
less: DOE PUE	$ 37,931,141	**<Sch A-5>**
Construction Allocation	$ 22,330,534	

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 9/30/2017
San Luis Canal Contractors:			
Panoche WD	1,917,283	0.050308	$ 2,635,213
San Luis WD	2,695,978	0.070740	$ 3,705,492
Westlands WD	33,497,603	0.878952	$ 46,040,847
Total	38,110,863	1.000000	$ 52,381,552

7/ Payment period is through 2063.