RECLAMATION
Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

Special Rates 2017 Sch S-1.Z19.XLSM
11/30/2016

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION 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
Component/Facility	**Net Construction Costs at 9/30/2015**	**Ratio of Total**	**Cumulative Construction Repayment at 9/30/2015 1/**	**Net Unpaid Construction at 9/30/2015**	**Unpaid Construction Annualized Costs 14 Remaining Years**	**FY 2017 Projected Deliveries**	**Unpaid Construction Cost Per Acre Foot**
Ref.	<Sch A-4>	<B/$1,200,380,706>	<C*$526,172,978>	<B-D>	<E/14>	<Sch S-5>	<F/G>
Storage							
San Felipe Unit Contractors	$ 3,359,042	0.002798	$ 1,472,397	$ 1,886,645	$ 134,760	16,307	$ 8.26
All Other Contractors	$ 384,770,367	0.320540	$ 168,659,633	$ 216,110,733	$ 15,436,481	1,170,828	$ 13.18
Total Storage	$ 388,129,409	0.323339	$ 170,132,031	$ 217,997,378	$ 15,571,241		
Conveyance							
Contra Costa WD	$ -	-	$ -	$ -	$ -	-	$ -
All Other Contractors	$ 408,198,906	0.340058	$ 178,929,262	$ 229,269,644	$ 16,376,403	1,091,780	$ 15.00
Total Conveyance	$ 408,198,906	0.340058	$ 178,929,262	$ 229,269,644	$ 16,376,403		
Conveyance Pumping							
Corning Pumping Plant							
Construction only	$ 2,513,939	0.002094	$ 1,101,956	$ 1,411,983	$ 100,856	10,007	$ 10.08
PUE only	$ 352,730	0.000294	$ 154,615	$ 198,115	$ 14,151	10,007	$ 1.41
							$ 11.49
DMC California Aqueduct Intertie	$ 26,960,001	0.022460	$ 11,817,604	$ 15,142,397	$ 315,467	410,154	$ 0.77
Dos Amigos Pumping Plant							
Construction only	$ 13,871,888	0.011556	$ 6,080,581	$ 7,791,306	$ 556,522	322,210 2/	$ 1.73
PUE only	$ 25,598,281	0.021325	$ 11,220,710	$ 14,377,571	$ 1,026,969	341,771	$ 3.00
							$ 4.73
O'Neill Pump-Generator Plant							
Construction only	$ 11,412,211	0.009507	$ 5,002,410	$ 6,409,800	$ 457,843	339,917	$ 1.35
PUE only	$ 11,029,663	0.009188	$ 4,834,725	$ 6,194,938	$ 442,496	339,917	$ 1.30
							$ 2.65
Jones Pumping Plant							
Delta Mendota Exchange							
Construction only	$ 8,275,220 3/	0.006894	$ 3,627,347	$ 4,647,873	$ 331,991	374,931 4/	$ 0.89
PUE only	$ 31,945,992 3/	0.026613	$ 14,003,155	$ 17,942,836	$ 1,281,631	374,931 4/	$ 3.42
							$ 4.31

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION 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
Component/Facility	**Net Construction Costs at 9/30/2015**	**Ratio of Total**	**Cumulative Construction Repayment at 9/30/2015 1/**	**Net Unpaid Construction at 9/30/2015**	**Unpaid Construction Annualized Costs 14 Remaining Years**	**FY 2017 Projected Deliveries**	**Unpaid Construction Cost Per Acre Foot**
Ref.	<Sch A-4>	<B/$1,200,380,706>	<C*$526,172,978>	<B-D>	<E/14>	<Sch S-5>	<F/G>
All Other Contractors							
Construction only	$ 14,046,879 3/	0.011702	$ 6,157,287	$ 7,889,592	$ 563,542	410,154 5/	$ 1.37
PUE only	$ 54,521,977 3/	0.045421	$ 23,899,077	$ 30,622,900	$ 2,187,350	410,154 5/	$ 5.33
							$ 6.70
Total Conveyance Pumping	$ 200,528,780	0.167054	$ 87,899,468	$ 112,629,312	$ 7,278,818		
Direct Pumping							
Bella Vista WD (Wintu PP)	$ 1,572,469	0.001310	$ 689,274	$ 883,195	$ 63,085	3,863	$ 16.33
Colusa County WD Relift PP	$ 12,780,875	0.010647	$ 5,602,348	$ 7,178,526	$ 512,752	24,685	$ 20.77
Colusa Service Area - Cortina	$ 139,514	0.000116	$ 61,155	$ 78,360	$ 5,597	413	$ 13.57
Colusa Service Area - Davis	$ 174,452	0.000145	$ 76,469	$ 97,983	$ 6,999	1,894	$ 3.69
Corning WD Relift PP	$ 3,307,711	0.002756	$ 1,449,897	$ 1,857,814	$ 132,701	6,842	$ 19.40
Dunnigan WD Relift PP	$ 1,669,676	0.001391	$ 731,883	$ 937,793	$ 66,985	5,938	$ 11.28
Kanawha WD Relift PP	$ 2,846,478	0.002371	$ 1,247,721	$ 1,598,757	$ 114,197	17,673	$ 6.46
Orland-Artois WD Relift PP	$ 7,594,123	0.006326	$ 3,328,796	$ 4,265,327	$ 304,666	19,655	$ 15.50
Panoche WD Relift PP	$ 283,105	0.000236	$ 124,096	$ 159,009	$ 11,358	18,467	$ 0.62
Proberta WD Relift PP	$ 200,049	0.000167	$ 87,689	$ 112,360	$ 8,026	1,353	$ 5.93
San Benito County WD							
Gianelli, WR PGP	$ 1,023,061	0.000852	$ 448,447	$ 574,614	$ 41,044		
Pacheco PP	$ 598,304	0.000498	$ 262,260	$ 336,044	$ 24,003		
Total San Benito County WD	$ 1,621,365	0.001351	$ 710,707	$ 910,659	$ 65,047	7,748	$ 8.40
San Luis WD Canalside Relift PP	$ 11,674,578	0.009726	$ 5,117,416	$ 6,557,162	$ 468,369	22,020	$ 21.27
Santa Clara Valley WD							
Coyote PP	$ 166,462	0.000139	$ 72,967	$ 93,495	$ 6,678		
Gianelli, WR PGP	$ 939,568	0.000783	$ 411,849	$ 527,719	$ 37,694		
Pacheco PP	$ 578,352	0.000482	$ 253,514	$ 324,838	$ 23,203		
Total Santa Clara Valley WD	$ 1,684,381	0.001403	$ 738,329	$ 946,052	$ 67,575	8,559	$ 7.90

CENTRAL VALLEY PROJECT
SCHEDULE OF IRRIGATION 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
Component/Facility	**Net Construction Costs at 9/30/2015**	**Ratio of Total**	**Cumulative Construction Repayment at 9/30/2015 1/**	**Net Unpaid Construction at 9/30/2015**	**Unpaid Construction Annualized Costs 14 Remaining Years**	**FY 2017 Projected Deliveries**	**Unpaid Construction Cost Per Acre Foot**
Ref.	<Sch A-4>	<B/$1,200,380,706>	<C*$526,172,978>	<B-D>	<E/14>	<Sch S-5>	<F/G>
State Delta PP (CVC Contractors)	$ 3,506,996	0.002922	$ 1,537,251	$ 1,969,745	$ 140,696	19,560	$ 7.19
Westlands WD							
Pleasant Valley Canalside Relifts	$ 1,362,621	0.001135	$ 597,289	$ 765,332	$ 54,667		
Pleasant Valley PP	$ 12,850,099	0.010705	$ 5,632,692	$ 7,217,407	$ 515,529		
Westlands WD Canalside Relifts	$ 46,432,526	0.038681	$ 20,353,160	$ 26,079,366	$ 1,862,812		
Total Westlands WD	$ 60,645,246	0.050522	$ 26,583,141	$ 34,062,105	$ 2,433,007	280,648	$ 8.67
Westside WD Canalside Relifts	$ 7,019,332	0.005848	$ 3,076,843	$ 3,942,489	$ 281,606	25,204	$ 11.17
Total Direct Pumping	$ 116,720,351	0.097236	$ 51,163,014	$ 65,557,337	$ 4,682,667		
San Luis Drain 6/							
Panoche WD	$ 2,727,891	0.002273	$ 1,195,740	$ 1,532,152	$ 109,439	18,467	
San Luis WD	$ 3,667,443	0.003055	$ 1,607,581	$ 2,059,862	$ 147,133	22,020	
Westlands WD	$ 45,986,217	0.038310	$ 20,157,526	$ 25,828,692	$ 1,844,907	279,832	
Total San Luis Drain	$ 52,381,552	0.043637	$ 22,960,847	$ 29,420,705	$ 2,101,479	320,319	$ 6.56
Subtotal	$ 1,165,958,997	0.971324	$ 511,084,621	$ 654,874,376	$ 46,010,608		
Other Costs							
Programmatic EIS Capitalized	$ 14,076,177	0.011726	$ 6,170,129	$ 7,906,048	$ 564,718		
All Others	$ 20,345,532	0.016949	$ 8,918,228	$ 11,427,304	$ 816,236		
Total Other Costs	$ 34,421,709	0.028676	$ 15,088,357	$ 19,333,352	$ 1,380,954	1,374,334	$ 1.00
Total	$ 1,200,380,706	1.000000	$ 526,172,978	$ 674,207,728	$ 47,391,562		

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

Footnotes:

1/ Refer to Irrigation Water Rates, Schedule A-2Ba
Cumulative Construction Repaid at 9/30/2015

$ 526,172,978

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	29,330,846	0.369455	$ 8,275,220		$ 18,242,566		$ 13,703,426		$ 31,945,992
All Other Contractors	50,058,728	0.630545	$ 14,123,254		$ 31,134,446		$ 23,387,531		$ 54,521,977
Total	79,389,574	1.000000	$ 22,398,474	**a/**	$ 49,377,011	**a/**	$ 37,090,957	**a/**	$ 86,467,969

a/ Jones Pumping Plant - Conveyance Pumping:

Total Construction	$ 108,866,443	**<Sch A-5>**
less: BOR PUE	$ 49,377,011	**<Sch A-5>**
less: DOE PUE	$ 37,090,957	**<Sch A-5>**
Construction Allocation	$ 22,398,474	

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	1,969,129	0.052077	$ 2,727,891
San Luis WD	2,647,345	0.070014	$ 3,667,443
Westlands WD	33,195,159	0.877909	$ 45,986,217
Total	37,811,632	1.000000	$ 52,381,552