RECLAMATION
Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

2015 Full cost Additional Service Water Rates Sch TR-2b.Z17.xlsm
12/16/2014

CENTRAL VALLEY PROJECT
SCHEDULE OF FULL COST ADDITIONAL SERVICE WATER RATES
AS OF SEPTEMBER 30, 2013
2015 SPECIAL WATER RATES

A	B	C	D	E	F	G	H	I	J	K
	Total Construction at 9/30/2013	Ratio of Total	Allocation of Construction Repayment at 9/30/2013 [1/]	Net Unpaid Construction at 9/30/2013	Unpaid Construction Annualized Costs 16 Remaining Years	Annual Interest @ 0.077830 [2/]	FY 2015 Projected Deliveries	Unpaid Construction Cost Per Acre Foot: Construction Only	Unpaid Construction Cost Per Acre Foot: Interest	Unpaid Construction Cost Per Acre Foot: Total
Ref	<Sch A-4>	(B/$120,893,303)	(C*$115,163,123)	(B-D)	(E/18)	(E*0.077790)	<Sch S-6>	(F/H)	(G/H)	(I+J)
Component / Facility										
Storage										
San Felipe Unit	$ 6,589,082	0.054503	$ 6,276,768	$ 312,314	$ 19,520	$ 24,307	98,319	$ 0.20	$ 0.25	$ 0.45
All Other Contractors	$ 31,647,453	0.261780	$ 30,147,406	$ 1,500,047	$ 93,753	$ 116,749	318,118	$ 0.29	$ 0.37	$ 0.66
Total Storage	$ 38,236,534	0.316283	$ 36,424,174	$ 1,812,360	$ 113,273	$ 141,056				
Conveyance										
Contra Costa Canal System [3/]	$ -			$ -	$ -	$ -		$ -	$ -	$ -
All Other Contractors	$ 20,306,087	0.167967	$ 19,343,606	$ 962,481	$ 60,155	$ 74,910	228,123	$ 0.26	$ 0.33	$ 0.59
Total Conveyance	$ 20,306,087	0.167967	$ 19,343,606	$ 962,481	$ 60,155	$ 74,910				
Conveyance Pumping										
Dos Amigos Pumping Plant										
Construction only [4/]	$ 210,695	0.001743	$ 200,708	$ 9,987	$ 624	$ 777	11,421	$ 0.05	$ 0.07	$ 0.12
PUE only	$ 437,922	0.003622	$ 417,165	$ 20,757	$ 1,297	$ 1,616	12,394	$ 0.10	$ 0.13	$ 0.23
								$ 0.15	$ 0.20	$ 0.35
O'Neill P-Generator/Pumping Plant										
Construction only	$ 1,353,726	0.011198	$ 1,289,561	$ 64,165	$ 4,010	$ 4,994	110,318	$ 0.04	$ 0.05	$ 0.09
PUE only	$ 1,353,651	0.011197	$ 1,289,490	$ 64,161	$ 4,010	$ 4,994	110,318	$ 0.04	$ 0.05	$ 0.09
								$ 0.08	$ 0.10	$ 0.18
Jones Pumping Plant										
Friant Kern/Madera										
Construction only [5/ 6/]	$ 654,404	0.005413	$ 623,386	$ 31,018	$ 1,939	$ 2,414	56,148	$ 0.03	$ 0.04	$ 0.07
PUE only [5/ 6/]	$ 3,107,821	0.025707	$ 2,960,514	$ 147,307	$ 9,207	$ 11,465	56,148	$ 0.16	$ 0.20	$ 0.36
								$ 0.19	$ 0.24	$ 0.43

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								Construction Only	Interest	Total
Ref	<Sch A-4>	(B/$120,893,303)	(C*$115,163,123)	(B-D)	(E/18)	(E*0.077790)	<Sch S-6>	(F/H)	(G/H)	(I+J)
Component / Facility										
All Other Contractors										
Construction only [5/ 7/]	$ 1,224,678	0.010130	$ 1,166,630	$ 58,048	$ 3,628	$ 4,518	120,832	$ 0.03	$ 0.04	$ 0.07
PUE only [5/ 7/]	$ 5,816,099	0.048109	$ 5,540,424	$ 275,675	$ 17,230	$ 21,456	120,832	$ 0.14	$ 0.18	$ 0.32
								$ 0.17	$ 0.22	$ 0.39
Total Conveyance Pumping	$ 14,158,996	0.117120	$ 13,487,878	$ 671,117	$ 41,945	$ 52,233				
Direct Pumping										
Bella Vista WD (Wintu PP)	$ 685,842	0.005673	$ 653,334	$ 32,508	$ 2,032	$ 2,530	4,697	$ 0.43	$ 0.54	$ 0.97
Colusa County WD Relift PP	$ 3,095	0.000026	$ 2,949	$ 147	$ 9	$ 11	113	$ 0.08	$ 0.10	$ 0.18
Contra Costa PP (Contra Costa WD)	$ 4,507,754	0.037287	$ 4,294,092	$ 213,661	$ 13,354	$ 16,629	95,757	$ 0.14	$ 0.17	$ 0.31
Kanawha WD	$ 36	0.000000	$ 35	$ 2	$ 0	$ 0	5	$ 0.02	$ 0.03	$ 0.05
Pleasant Valley PP (City of Coalinga)	$ 36,062	0.000298	$ 34,353	$ 1,709	$ 107	$ 133	5,356	$ 0.02	$ 0.02	$ 0.04
Pleasant Valley WD Canalside Relift PP (City of Coalinga)	$ 159,157	0.001317	$ 151,613	$ 7,544	$ 471	$ 587	5,356	$ 0.09	$ 0.11	$ 0.20
San Benito County WD										
Pacheco PP	$ 186,958	0.001546	$ 178,097	$ 8,862	$ 554	$ 690				
Gianelli, WR PGP	$ 316,510	0.002618	$ 301,508	$ 15,002	$ 938	$ 1,168				
Total San Benito County WD	$ 503,469	0.004165	$ 479,605	$ 23,864	$ 1,491	$ 1,857	4,612	$ 0.32	$ 0.40	$ 0.72
San Luis WD Canalside Relift PP	$ 55,036	0.000455	$ 52,427	$ 2,609	$ 163	$ 203	620	$ 0.26	$ 0.33	$ 0.59
Santa Clara Valley WD										
Coyote PP	$ 1,087,555	0.008996	$ 1,036,007	$ 51,549	$ 3,222	$ 4,012				
Pacheco PP	$ 3,778,580	0.031255	$ 3,599,481	$ 179,100	$ 11,194	$ 13,939				
Gianelli, WR PGP	$ 6,396,923	0.052914	$ 6,093,718	$ 303,206	$ 18,950	$ 23,598				
Total Santa Clara WD	$ 11,263,059	0.093165	$ 10,729,205	$ 533,854	$ 33,366	$ 41,550	93,706	$ 0.36	$ 0.44	$ 0.80

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Component / Facility										
Shasta Pumping Plant (City of Shasta Lake)	$ 605,437	0.005008	$ 576,740	$ 28,697	$ 1,794	$ 2,233	1,808	$ 0.99	$ 1.24	$ 2.23
State Delta PP (Cross Valley Canal)	$ 20,959	0.000173	$ 19,965	$ 993	$ 62	$ 77	973	$ 0.06	$ 0.08	$ 0.14
Westlands WD Relifts	$ 586,470	0.004851	$ 558,673	$ 27,798	$ 1,737	$ 2,164	2,679	$ 0.65	$ 0.81	$ 1.46
Total Direct Pumping	$ 18,426,376	0.152418	$ 17,552,990	$ 873,385	$ 54,587	$ 67,976				
Subtotal	$ 91,127,993	0.753789	$ 86,808,648	$ 4,319,344	$ 269,959	$ 336,175				
Other Costs										
Deferred Interest Capitalized	$ 21,277,763	0.176004	$ 20,269,226	$ 1,008,537	$ 63,034	$ 78,494				
Programmatic EIS Capitalized	$ 3,573,796	0.029562	$ 3,404,403	$ 169,393	$ 10,587	$ 13,184				
All others	$ 4,913,751	0.040645	$ 4,680,845	$ 232,905	$ 14,557	$ 18,127				
Total Other Costs	$ 29,765,310	0.246211	$ 28,354,474	$ 1,410,836	$ 88,177	$ 109,805	416,436	$ 0.21	$ 0.26	$ 0.47
Total	$ 120,893,303	1.000000	$ 115,163,123	$ 5,730,180	$ 358,136	$ 445,980				

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FOOTNOTES:

1/ Refer to M&I Water Rates, Schedule A-2Ba.

2/ Annual Interest of 0.077790 is from Special Water Rates, Schedule FC-5.

3/ Contra Costa WD's conveyance costs are recovered through a repayment contract.

4/ Cross Valley Canal contractors are charged for PUE constrcution 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 9/30/2013	Project Use Energy BOR	Project Use Energy DOE	Project Use Energy Total
Jones Pumping Plant:						
Delta-Mendota Exchange	2,992,883	0.348257	$ 654,404	$ 1,771,552	$ 1,336,269	$ 3,107,821
All Other Contractors	5,601,000	0.651743	$ 1,224,678	$ 3,315,352	$ 2,500,747	$ 5,816,099
Total	8,593,883	1.000000	$ 1,879,082 **a/**	$ 5,086,904 **a/**	$ 3,837,016 **a/**	$ 8,923,920

a/ Jones Pumping Plant - Conveyance Pumping:

Total Construction Co:	$ 10,803,002	**(M&I Sch A-5)**
less: BOR PUE	$ 5,086,904	**(M&I Sch A-5)**
less: DOE PUE	$ 3,837,016	**(M&I Sch A-5)**
Capital Allocation	$ 1,879,082	

6/ FY 2015 projected deliveries include Friant Dam and Friant-Kern Canal

7/ FY 2015 projected deliveries for Jones PP do not include Delta Mendota Exchange contractors' deliveries.